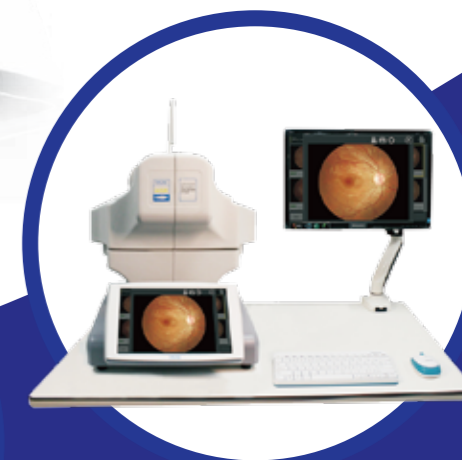


Focus on Ophthalmology Field 20 years



DOWNLOAD E-CATALOGUE



Nanjing Redsun Optical Co., Ltd.

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Nanjing Redsun Optical Co., Ltd.

company profile

Nanjing Redsun Optical Co., Ltd. is a professional manufacturer and distributors in the field of optical lens and ophthalmic instruments. We worked in this ophthalmic field for more than 20 years. We have enough experience for selling ophthalmic equipments.

Our company locates in the beautiful city of Nanjing , Jiangsu province. Nanjing is only 300km from Shanghai, Nanjing is the center of politics, economy, culture of Jiangsu. There wre 6 dynasty capitals in Nanjing city.

We gained good reputation among our customers and partners both at home and abroad. We not only provide our own products but also promote other high-quality goods to our customers. Gradually, we acted as a "purchaser" for our customers. By this way, we help customers to save their time and take quality inspection. "Price, Quality, Delivery, Service" is our key to success. Due to our experience and decade's business relations, we save our cost from raw material, which leads to a competitive price of our final products.

Our workers consider factory as their home. They have high enthusiasm to work, which enable our factory to have a high output. We have our inspecton department who check the final products once finished. We ensure all the goods delivered to customers is subjected to their requirements. We provide after-sales service to every customer. We will follow up their special request and devote to satisfying their need. Customers are not only customers but also our friends. How to help our customers to do larger business is what we are always concerning. When customers have large development and more profits, we believe our company is closer to success.

We will keep carrying out our good policy and make more friends. We are sincerely hoping to build up a long term business relations with our old and new customers from home and abroad. If you want to know more information about our company and our products, please do not hesitate to contact us.



Our office

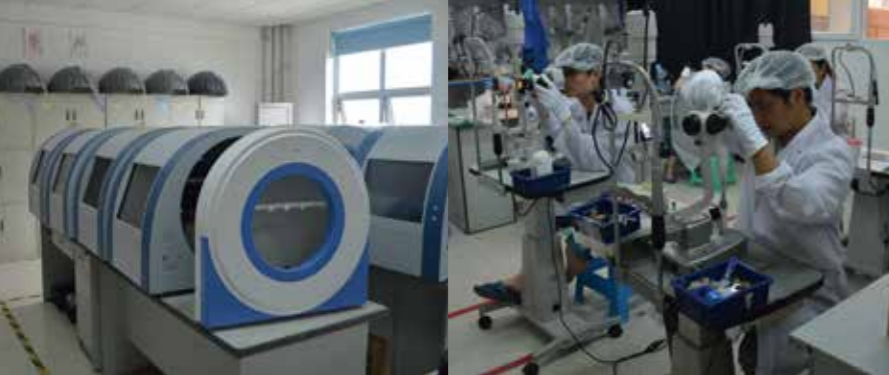


Team

南京红研光学仪器有限公司 NANJING REDSUN OPTICAL CO.,LTD.

CERTIFICATE





Showroom



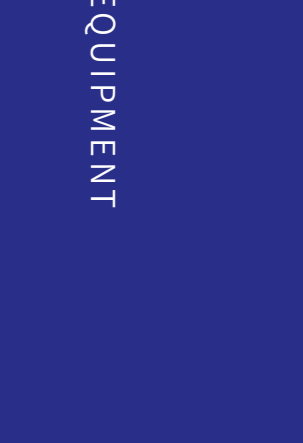
package



Exhibition



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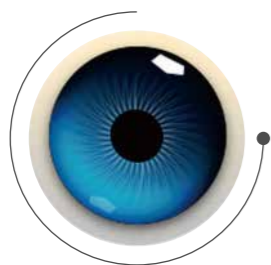
APS-A /APS-B Fundus Camera.



• APS-A color fundus images



• APS-B Color fundus image and Fundus fluorescence



Feature

The first generation,Launched the first digital fundus camera, instrument in China, Bid farewell to the fundus examination film era.

The second generation,Launched ,infrared lighting technology into the non-mydratic fundus , photography era, and has been imitated by domestic counterparts

Third-generation, launched double-dot alignment system, leading domestic technonogy upgrade fundus examination.

Fourth-generation, lauched the first auto focus and exposure system in China, and allows fundus examination becomes so simple.

Installed Nikon D5300 camera, let the images more higher quality .24.1 million pixel resolution.



Full -featured software

Easily help you achieve image capture-image analysis -clinical diagnostics-report printout -data management, statistics.

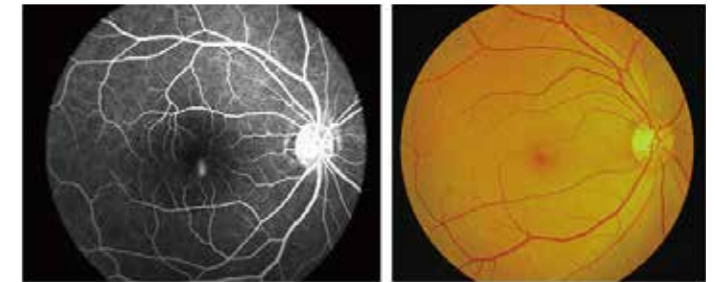


Tested eye evaluation system

Newly developed ophthalmic evaluation system can effectively judge the patient pupil size and refractive ,media situation, which provide more effectively fundus examination, obtain better quality images.

Product Description

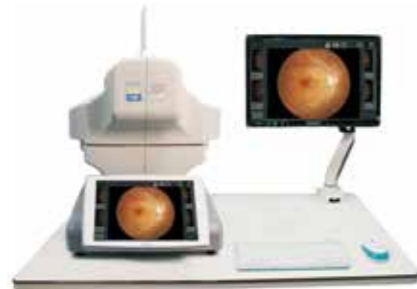
fundus camera auto focus, auto flash & manual , you may select the auto or manual from the software.
fundus camera Working: Mydratic, NON-Mydratic, Little pupil 3.3mm



Technical Data >>>

Model	APS-A	APS-B
Field Scope	up to 53°	
Working distance	40mm	
Non-mydratic Camera	Supporting	
Minimum Puil Diameter	3.3mm	
Fundus fluorescein angiography	no	Flash and dynamic angiography
Observation light source:	Infrared light	
Refractive compensation range	≥±15D	
Fixation	External fixation 5 internal fixation (9 internal fixation optional)	
Assisted alignment	Two round dots alignment.	
Focus way	Manual , auto	
Exposure way	Manual , auto	
Camera	NIKON D5300 24.1 Mega	
Ineternet interface	Dicom 3.0 interface, LAN (Optional)	
Working distance	Horizotal ± 30°	
Working distance	42mm ±2mm	
Moto-table	Electricmoto-table(elevator optional one)	
Workstion	Electricmoto-table(elevator optional one)	
Printer	High quality inkjet printer (optional)	
Computer	Optional(Hp 288 G3,500G harddisk, 4G DDR4, integrated display card, CPU Intel G3900	

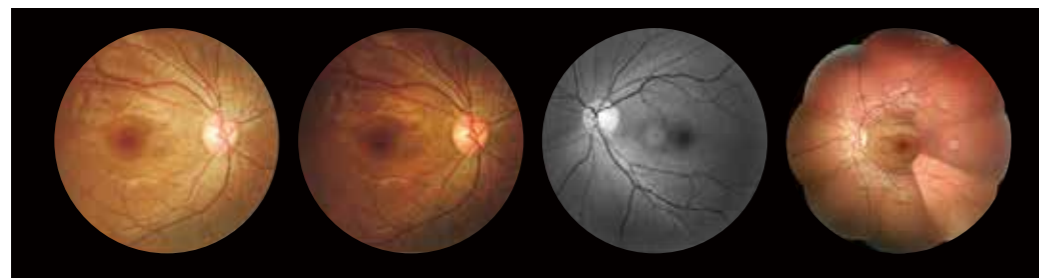
RetiCam 3100 Auto Fundus Camera



10.1 Color and touch screen

Feature

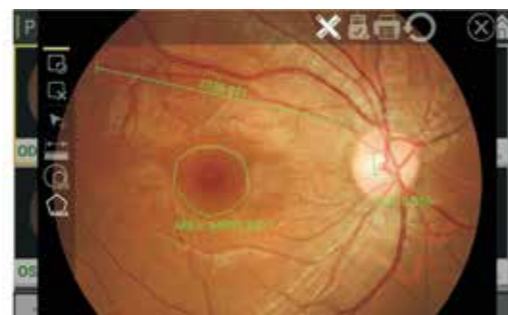
-
- *One touch images acquisition
- *Fast and accurate autofocus
- *Non-mydratic and autoexposure ,Minimum pupil size of 3.3mm
- *Smart operation ,automatic easy and fast,Press TAKE PICTURE key,then 8 seconds will get the image.
- *Soft lighting –advanced optical technology ,Soft lighting reduces the constriction of pupil caused by the illumination.Satisfactory images can beobtained even in two consecutive exposures.
- *135°wide field 9 position mosaic device field of view form 9 images of 50° field width each .More fixation points are distributed between 9 internal fixations shown.
- *10.1 inch TFT touch screen
- *Built-in computer: solid state disk 120G CPU i3, Ram 4G
- *DSLR CANON 1300D Camera
- *Photography fundus ,Fluorescence angiography (FFA optional). Auto fluorescence (FAF optional)



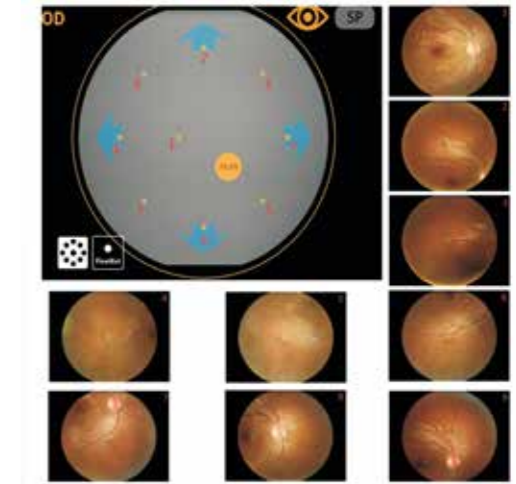
• Fundus images



• Software picture



• Multifunctional software system



Mosaic Function can generate the fundus images up to 135° field of view form 9 images of 50° field width each .More fixation points are distributed between 9 internal fixations shown.

Specification >>>

Image acquisition system

Acuisition modes	Non-mydratic/mydratic photography anterior segment photography fundus , fluorescence angiography (FFA optional). Auto fluorescence (FAF optional)
Field of view	50°
Minimum pupil size	≥3.3mm
Focus modes	Auto /manual
Operation	Auto
Image acquisition time	Within 10 seconds
Image resolution	18 megapixels
Working distance	35mm
Diopter COMPENSATION	±25D
Fixation	External fixation/internal fixation
DICOM3.0	YES
Dimensions	380mm (L)x 550mm(W)x475mm(H)
Weight	26.5kg
Power supply	100-240V 50/60Hz

Note:specifications and design are subject to change without notice.

APS-D Auto fundus camera



AI intelligent recognition:it can cope with limitation of eye conditions, low degree of cooperation , etc. Within several milliseconds , thereby significantly improving the success rate of shooting .'

AI intelligent simulation :When the automatic operation is abnormal, the device simulates manual operation by itself and does not need to return to the original state completely .

Break through face-to-face examination mode; the camera can be manipulated in different directions so that the operator can assist the patient for cooperation in the whole process;

Touch screen one –figure control ; it can be easily used by non-professional operators, who can take photos successfully;

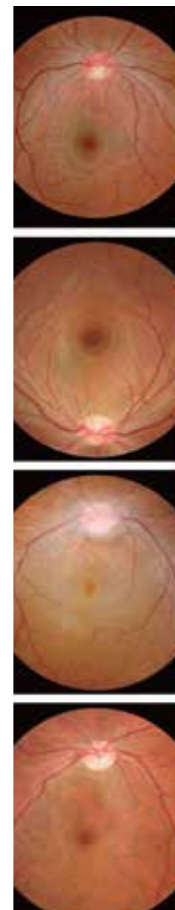
The operator can enter the system randomly by manual operation , who can switch by one key , thereby handle various emergencies easily;

Intelligent panoramic focusing is adopted for breaking through the limitation of traditional finder frame focusing mode;

Automatic/fundus switching , automatic exposure and automatic imaging;

Technical Data >>>

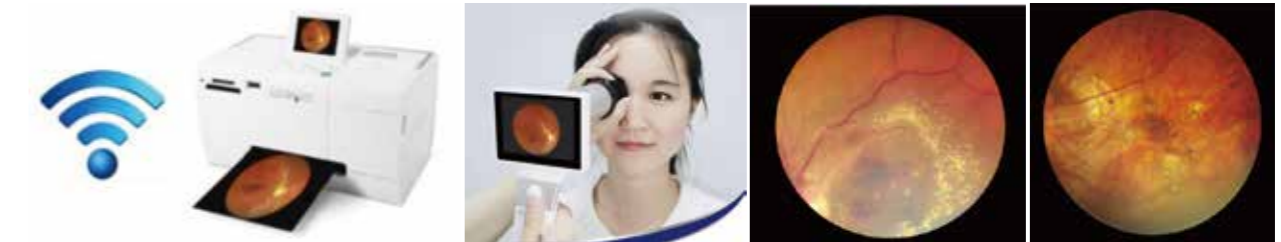
Model	APS-D
Field Scope	up to 53°
Working distance	40mm
Non-mydratic Camera	Supporting
Minimum Pupil Diameter	3.3mm
Fundus fluorescein angiography	no
Observation light source:	Infrared light
Refractive compensation range	≥±15D
Fixation	External fixation 5 internal fixation (9 internal fixation optional)
Assisted alignment	Two round dots alignment.
Focus way	auto
Exposure way	auto
Camera	NIKON D5300 24.1Mega
Ineternet interface	Dicom 3.0 interface, LAN (Optional)
Working distance	no
Working distance	42mm ±2mm
Moto-table	Electricmoto-table(elevator optional one)
Workstion	Electricmoto-table(elevator optional one)
Printer	High quality inkjet printer (optional)
Computer	tablet computer



HFC-600 Portable Fundus Camera

Features

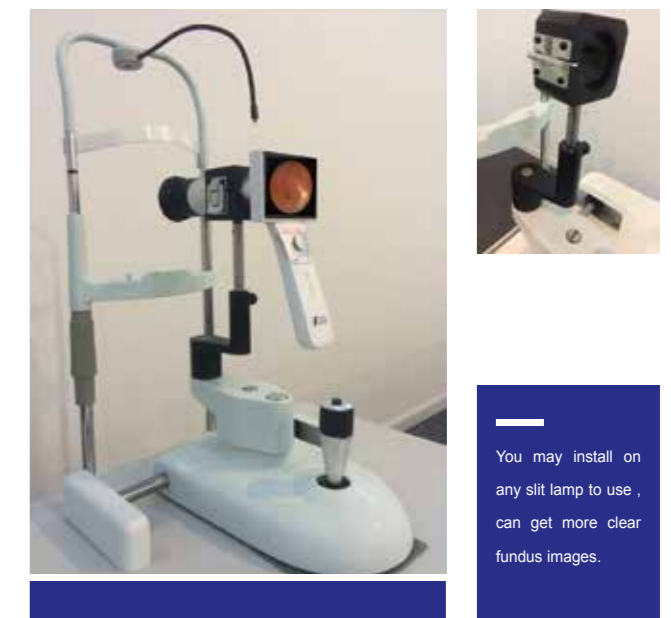
- Images real-time display, one button magnifying
- Non-mydratic and high definition imaging.
- Micro SD memory card up to 80,000 images
- USB and WiFiconnection
- Low weight 450g , movable and portable
- Rechargeable battery provides up to more than 4 hours of continuous operation.
- Optional imaging modules for examination: posterior ophthalmoscope ,anterior segment ophthalmoscope, otoscope, rhinoscope, laryngoscope and dermatoscope



- WIFE connecting to computer or printer

Technical Data >>>

Model	HFC
FOV	40°
Minimum pupil	3mm
Refractive compensation	-20D~+20D
Light source	White LED/IR
Image resolution	1920×1080
Focus Mode	Manual
Screen	3.5" color
Power	≤6VA
Storage	8GB MicroSD card
Power supply	3.7VLithium Battery
Interface	Mini USB/Wifi
N. Weight	450g(Typical)
G. Weight	2.5kg
Size	160mm*90mm*190mm
Packing size	360mm*310mm*160mm



Fundus camera slit lamp adaptor, can use on all models of slit lamp.

You may install on any slit lamp to use , can get more clear fundus images.

HFC-900 Hand-held Fundus Camera

Features

- Non-mydratic and minimum pupil size 2.5mm
- Low light LED flash and 3.97 inch 480*800 HD touch screen
- Auto focus and 8 target fixation
- 13 mega and 8 mega pixel lens option
- image Auto-mosaic
- Android system ,easier operation and data storage
- reading ,wireless transfer
- DICOM interface
- 4G Networks
- Intergrated design only 560g
- No additional computer or mobile device will be required
- There is software install on computer or your mobile , can connect to the fundus camera



Model	HFC-900
FOV	45°
Minimum pupil	2.5mm
Refractive compensation	-20D~+20D
Focus Way	Auto/manual
Focus mode	8Targets fixation
Light source	White LED/IR
Image resolution	16MP
Screen	3.97 inch multi targets touch screen 800*400
Shoot Type	Infrared ,white light
Image format	JPEG
Transmission and storage	Internal capacity 8GB Support Micro SD (Max:128GB)USB/Wifi/BT/4G
Weight	560g
Power supply	Lithium battery 3.7V 3400mAh
The battery continuously working time	33h (Standby time exceeds 24h)
Total chargin time	3.5-4h
Operating system	Win7/win8/win10/ios/android
ID Card reading and collection	yes
NFC Card reader	yes
Connect function	Professional software , APP. Support Dicom,support cloud service system, Patient data management software , support wireless printing
G. Weight	2.5kg
Size	160mm*90mm*190mm
Packing size	360mm*310mm*160mm



CAS-2000A A Scan

Technical Specifications

Probe: 10MHz

Storage: 8 groups

Accuracy: 0.05mm

IOL Calculation: SRK-II, SRK/T Hoffer-Q, Holladay, SCDK, Haigis etc

Measure: ACD, Lens, Vitreous, Axial Length, and its Average

Modes: Manual, Automatic

Printer: Inner thermal Printer

Power: AC220V±10%50Hz

Display Monitor: High speed LCD

Report Data: Patient's name, ID,

Right/Left, Doctor's name, Date, IOL Table

Touch screen.



- 1.7Kg net weight, more portable.
- show actual value and deviation at the same time
- Sensitive, convenient, accurate and fast measurement
- The probe service life is long, high cost performance
- Point and surface point measurement display
- calculate the calibration value of intraocular pressure (after achieving accurate intraocular pressure)
- Ultrasonic velocity and offset is adjustable, compare measuring results with other equipment easily.

Technology Parameter:

A Scan Biometer:

Probe Frequency: 10 Mhz

Resolution: 0.01mm

Accuracy: ±0.02mm

Gain adjustable: 0-120dB

Measurement range: 15~35 mm (vel 1640m/s)

Measurements: ACD, Lens, Vitreous, and AXL

Examination modes: Normal, Aphakic, pseudophakic and dense cataract.

Measurement mode: immersion and contact, auto and manual

IOL formulas: SRK-II, SRK-T, BINKHORST, HOLLADAY, HOFFER-Q, HAIGIS

any of two groups can control display. Calculate IOL, DEM, DAM, REEF, etc.

And long term save 100 groups of measurement results of A scan.

Pachymeter:

Probe frequency: 20 Mhz

Resolution: 1um

Measurement range: 0.23~1.3mm

Accuracy: ±5um

Pachymeter measurement ways:

Single-point measurement

Five points measurement

Nine points measurement

Power requirement:

AC 100-240V 50-60Hz

Rate power: ≤ 45 VA

Dimension: 200*168*165(mm, L*W*H)

Weight of main unit: approx. 1.7kg (exclude the accessories)

Accessories:

Adapter

Gage block

Battery charger OPTIONAL

Battery OPTIONAL

Touch screen pen

Footswitch

RS-AP Scan A Scan and Pachymeter



Models:

RS-A Ascan only

RS-P Pachymeter only

RS-AP A scan and Pachymeter

You can buy separately

Feature

- 5.7 -inch color LCD touch screen, and user information can be easily input, more convenient and quick
- Light blue and white alternate design, select the user interface of the color matching, reduce the visual fatigue, protect your eyes.
- I - Station integrated workstation, complete data and waveform storage, report generation and printing function
- Rechargeable battery, could be used for 10 hours.
- Built-in thermal printer, A key print directly.
- USB port could connect your PC directly
- Support I-station workstation connection
- Small footswitch offer you good feeling.
- Six kinds language: Chinese, English, Russian, French, Spanish and Portuguese.

HE-1000AP A Scan & Pachymeter

Models:

HE-1000A A scan only
 HE-1000P Pachymeter only
 HE-1000AP A scan and Pachymeter
 You can buy separately



Technical Specifications

A SCAN

A scan probe: 10MHz with LED

Depth:15-35mm

Measurement precision: ±0.05mm;

Method of measurement: immersion and contact

Eye mode: Phakic/ Aphakic/Dense/ various IOL

IOL formula: SRK-II, SRK-T, BINKHORST- II, HOLLADAY, HOFFER-Q, HAIGIS

Curve Freeze:control by foot switch,quto freeze and manual freeze

Storage: 10 cases, 5 readings each case

Output: A scan table and calculation and thermal printer

PACHYMETER

P scan probe: 20MHZ, angle of 45 degrees makes easier operation

Resolution: 5um

Measuring range: 300um~1500um

Display: SINGLE mode and MAP mode

CDisplay:Large color liquid –crystal screen.

Each group is the average of 10 measurements

Output:LCD display and thermal print

Single mode and MAP mode

Others:

Large color liquid-crystal screen

Touch screen input, easy operation

Curve freezing: Manual/Auto mode, controlled by pedal

Built-in speed thermal printer

CAS-2000B Ophthalmic A/B Scanner

Main configuration

USB 2.0 compatible.

Ultrasonic videoing workstation

B ultrasonic image dynamic playback

B ultrasonic videoing grey scale reaches 256

Small, light, compatible.

Convenient to take.



Technical Specifications >>>

A MODE

Probe: 10MHz

Accuracy: 0.05mm

Measure: ACD, Lens, Vitreous, Axial Length, and its Average

IoL Calculation: SRK-II, SRK/T Hoffer-Q, Holladay, SCDK, Haigis etc

Measure: ACD, Lens, Vitreous, Axial Length, and its Average

Modes: Manual, Automatic

Information storage: Mass memory, Build-in Case history

Image annal: External high definition ink-jet printer

Power:AC220V±10%50Hz

B Mode

B-Scan Mode: Mechanic Sector Scan

Scan Angle: 53°

Detect Depth≥50mm

Probe: 10MHz

Resolution: Vertical≤0.2mm

Lateral≤0.5mm

Gray Scale: Levels 256

Display Mode: B, B+B, B+A

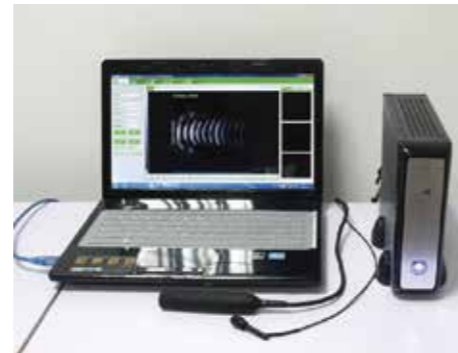
Image Storage: 10Frames

Image Post Processing: Brightness, Comparison, Smooth, Sharp, Gray, Stretch, Equalize, Etc

CAS-2000B+ AB Scan

Feature

CAS-2000B+ A/B Scan with normal, vitreous body enhancement, retina observation mode, mainly used for diagnosis of intraocular diseases, display the location, shape range of the focus of infection and the relationship with the surrounding tissue. Can be diagnosed vitreous opacity, retinal detachment, eye base tumors etc. eye diseases. A scan is used to measure anterior chamber depth, lens thickness, axial length, calculate diopter of implant IOL as well.



Technical Data >>>

A scan:

Frequency:10MHz, with LED

Depth: 40mm

Precision:±0.05 mm

Measurement: Anterior chamber depth, lens thickness, vitreous body length, total length and average

Eye mode: Phakic / Aphakic / Dense / Various IOL

IOL Formula: SRK-II, SRK-T, HOFFER-Q, HOLLADAY,BINKHORST-II, HAIGIS

Stat. Calculation: Average and standard deviation

Store: 10 Scanning results for each eye

Others:

Display Mode :B、 B+B、 B+A、 A

Hint: preset keyword

Case Search: Multi-keywords

Working Platform: Windows XP、 VISTA、 WINDOWS7

User-defined report template poor credit secured loans

B scan:

Frequency: 10MHz/20MHz (optional) ,Magnetic driven, noiseless

Scanning Mode: Sector Scanning

Magnify: Multi continuous magnification,Real-Time magnification

Resolution: Lateral ≤0.3mm; Vertical≤0.2mm

Geometry position precision: Lateral ≤10%; Vertical≤5%

Depth:60mm

Enhance the part of vitreous body and retina

Gain of probe: 30dB-105dB

Scanning Angle:53°

Gray Scale: 256

False Color: Multi colors. OCT

measurement type: multigroup distances, perimeters and areas

Image postprocessing: multiple curves processing, Pseudo-color processing curve

Movies: 100 images movie review, AVI JPG format image output



Retiwave1000 Ultrasonic A/B Scanner

Feature:

With advanced intelligent digital software and parameters of freezed and Stored images could be adjusted voluntarily.

Scan A measures data for every part of the eyeball as anterior chamber depth, lens thickness axial length and so on which are needed in ophthalmic surgeries , and calculates IOL by axial length.

Scan B displays profile images of the eyeball clearly and directly. Scanning anatomical forms and nidi inside the eyeball, doctors can diagnose accurately for examination of cataract , vitreous body disease, ocular trauma,detachment of retina or choroid , macula disease , and intraocular tumor, etc



A Scan patterns

Probe frequency	10MHz
Measuring mode	contact
Measuring range	Over 5mm-40mm
Measuring error	≤±0.05mm
Measuring type	Length of optic axis , automatic calculation , result analysis auto ,
Image freezing	auto+preservable, manual
Intraocular lens	SRK-T, SRX II, HOLLADAY, BINKHORST-II, HOFFER-Q,HAIGIS

implantation (IOL)formula

Gain	20-110dB
Time gain adjustment	0-30dB

B Scan patterns

Probe frequency	10MHz
Probing depth	≥50mm
Axial Resolution	≤0.2mm
Lateral resolution	≤0.3mm
Gain adjustment	20-110dB
Time gain adjustment	0-30dB
Operation mode	Eye cup, gel, aqueous capsule
Post-processing measuring tools	Area, length, mark and annotation
Review	100 images available

Others

Size	340mm*320mm*115mm
weight	10kg
Power supply	100-240V 50/60Hz

• Scan A



• Scan B



CAS-2000C Portable AB Scan



Feature

Adopt ARM9 Embedded Control Systems, FPGA signal processing system and elaborate selected ultrasonic hardware system.

10.4 inch high resolution LCD screen,

Menu operation Language: Chinese/English.

Double probe sockets:

A mode probe: 10MHz, imported probe with fixation light.

B mode probe: 10MHz, imported transducer.

Display mode: B, B/B, 4B, B/A, A

Gains range: 0--120dB.

Dynamic range: 30-100dB, visual and adjustable.

Gray: 256.

Intelligent TGC adjustment: 8 segments.

Build-in D disk: 4GB, save mass data, images, reports, etc.

Report function: print screen, IOL report, case report with picture, etc.

Technical Data >>>

A scan

Resolution: 0.01mm

Gain adjustable: 0-120dB

Measurement range: 12-43mm(1640m/s)

Accuracy: ±0.02mm

Measuring parameter: ACD, LENS, body Length, axial length.

Eye mode: normal/aphakia/dense cataract/PMMA, Acrylic & Silicon for Pseudo Phakic eyes

Measuring Mode: Contact and Immersion, automatic and manual.

Measurement methods: A single-point measurement (under A mode) ; five-point measurement (under A mode) .

Calculation: std. deviation, average, automatical measuring 8 groups and average, accompany waveform, results correctable.

IOL Formula: SRK-II, SRK-T, BINKHORST,HOLLADAY, HOFFER-Q, HAIGIS

B scan:

Scan mode: High accuracy stepping motor drive sector scan.

Scan Angle: 53°.

Display Depth: 0~56mm

Gray: 256.

Frame frequency: 10frames/s.

depth selection: 8.

Frame correlation: 4.

Edge enhancement:4.

Compression Curve: 4

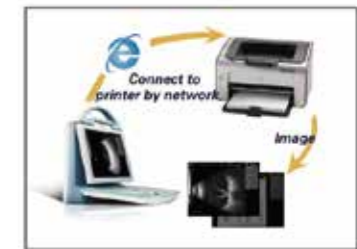
Post-processing: 8

100 frames permanent image storage.

Cine loop: 256 frames,can measure the playback image.

Disk management.

General Measurement: multi-electronic-rule to measure distance, circumference, area(trace method, ellipse method),volume (ellipse method), angle , histogram, profile , stenosis and curvature etc.



Power supply : 100-240V ~ 1.2-0.6A Frequency: 50-60Hz

Adapter output: DC12.8V 3.0A

Net weight.: 4.5kg.

Dimension: 435x315x540mm (length x width x height)

Battery optional .



10MHz A-probe



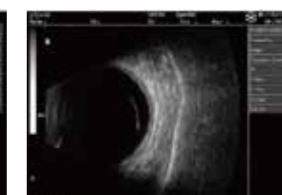
A-Scan



10MHz B-probe



B-Scan



CAS-2000D Ophthalmic AB Scan

Feature

CAS-2000D A/B Scan with normal, vitreous body enhancement, retina observation mode, mainly used for diagnosis of intraocular diseases, display the location, shape range of the focus of infection and the relationship with the surrounding tissue. Can be diagnosed vitreous opacity, retinal detachment, eye base tumors etc. eye diseases. A scan is used to measure anterior chamber depth, lens thickness, axial length, calculate diopter of implant IOL as well.

With built-in computer, Touch screen.
With software , can connect to any printer.



B scan:

Frequency: 10MHz/20MHz (optional) ,Magnetic driven, noiseless

Scanning Mode: Sector Scanning

Magnify: Multi continuous magnification,Real-Time magnification

Resolution: Lateral $\leq 0.3\text{mm}$; Vertical $\leq 0.2\text{mm}$

Geometry position precision: Lateral $\leq 10\%$; Vertical $\leq 5\%$

Depth:60mm

Enhance the part of vitreous body and retina

Gain of probe: 30dB-105dB

Scanning Angle:53°

Gray Scale: 256

False Color: Multi colors. OCT

measurement type: multigroup distances, perimeters and areas

Image postprocessing: multiple curves processing, Pseudo-color processing curve

Movies: 100 images movie review, AVI JPG format image output

A scan:

Frequency:10MHz, with LED

Depth: 40mm

Precision: $\pm 0.05\text{ mm}$

Measurement: Anterior chamber depth, lens thickness, vitreous body length, total length and average

Eye mode: Phakic / Aphakic / Dense / Various IOL

IOL Formula: SRK-II, SRK-T, HOFFER-Q, HOLLADAY,BINKHORST-II, HAIGIS

Stat. Calculation: Average and standard deviation

Store: 10 Scanning results for each eye

Others:

Display Mode :B, B+B, B+A, A

Hint: preset keyword

Case Search : Multi-keywords

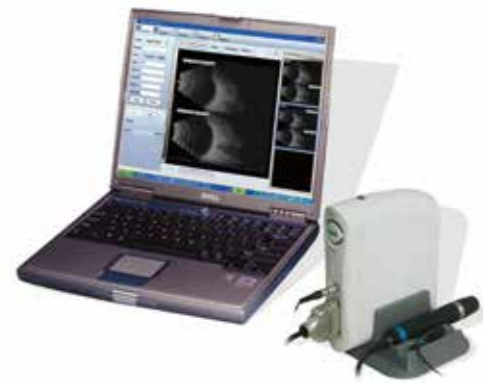
Screen: 15 inch LCD

Built-in battery: can use 4 hours

User-defined report template poor credit secured loans



SW-2100 Ophthalmic AB scan



Feature

-
- 10MHz B probe
- Software image workstation
- B, B+B, B+A, A modes
- Video review for 100 images
- PDF report output
- Vitreous plus function

Technical Specifications >>>

B scan

Frequency: 10MHz /20 MHz B probe optional,

Magnetic driven, noiseless

Scanning Mode: Sector Scanning

Magnify: Multi continuous magnification, Real-Time magnification

Resolution: Lateral ≤ 0.3mm; Verticals ≤ 0.2mm

Output:PDF format case report , connect to normal printer

Geometry position precision: Lateral ≤ 10%; Verticals ≤ 5%

Depth: 60mm

Enhance the part of vitreous body and retina

Gain of probe: 30dB-105dB

Scanning Angle: 53°

Gray Scale: 256

False color:12 false colors

False Color: Multi colors. OCT

Measurement Mode:distances, perimeter and area

Image postprocessing: Multiple curves processing, Pseudo-color processing curve

Movies: 100 images movie review, AVI JPG format image output

A scan:

Frequency: 10MHz, with LED

Depth: 15-40mm

Precision: ± 0.05 mm

Measurement: 10 scanning results for each eye

Eye mode:Normal/Dense/Aphakic/ Pmma/Silicone/Acrylic

IOL Formula: SRK-II, SRK-T, HOFFER-Q, HOLLADAY, BINKHORST-II, HAIGIS

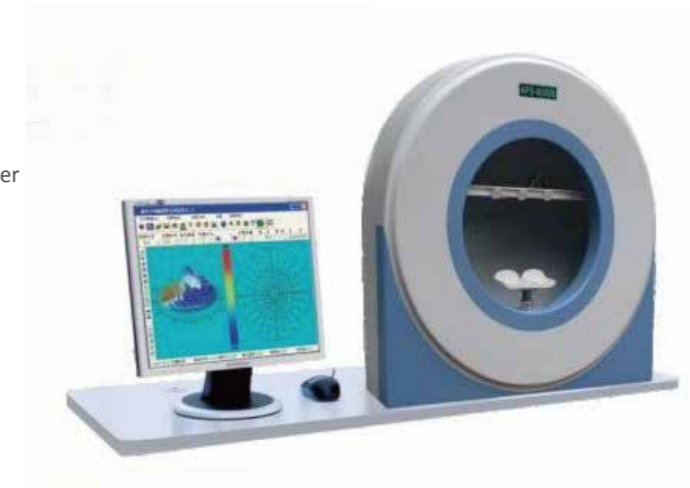
Stat. Calculation: Average and standard deviation

Store: 10 Scanning results for each eye

APS-6000B Visual Field analyzer

Feature:

- Traditional auto perimeter , with software ,
- Computer optional , you can use your own computer



Technical Data >>>

Stimulator Screen	Hemispherical bowl, radius 30cm integrated
Stimulus Source	Light emitting diode, wave length 580nm-650nm
Stimulus Size	2mm
Stimulus Intensity	2.5-1000 (asb)
Stimulus Duration	Adjustable 0.2 to 2 seconds
Stimulus color	yellow, red
Stimulus step	total 27 step 1
Patient Response Time	Adoptive to patient, adjustable 0.2 to 2 seconds
Minimum inter-stimulus delay	Adjustable 0.2 to 2 seconds
Background illumination	4(asb)
Test lens Diameter	35mm
Central sign diameter	3mm
Stimulus points	144(0-60°), 72(0-30°), 72(60-90°), 61(0-10°red), 114(Blind spot)
Chin rest moving range	vertical 70mm, horizontal 90mm
Fixation Method	Automatic monitoring with two options. Available blind spot method, Eye tracking method. In both methods, fixation errors are to be immediately announced by visual and audible warnings. The standard video camera should provide visual of the patient's eye for additional monitoring
Strategies	Estimative test, Qualitative test, Auto threshold, Fast threshold, Full threshold, Esterman test and other popular mode
Test Range	Default test(0-60°), Yellow spot test (central 0-10°), Central 0-30°test, Quadrant test, Peripheral test (60-90°), Blind spot test, Custom test
Stimulator unit dimensions	67 x 66 x 38cm (HxWxD)
Stimulator unit weight	18 KG approx
Stimulator unit power requirements	220V AC 60Hz or 110V 50Hz

APS-6000C Auto Perimeter

IVS-210A Hidden LED array Auto Perimeter

Touch screen optional

Feature:

- Traditional auto perimeter , with software ,
- Built-in computer,
- Touch screen optional



Feature

- Traditional auto perimeter , with software ,
- . Built-in computer, Color and touch screen
- SWAP or blue-yellow perimetry



Technical Data >>>

Stimulator Screen	Hemispherical bowl, radius 30cm integrated
Stimulus Source	Light emitting diode, wave length 580nm-650nm
Stimulus Size	2mm
Stimulus Intensity	2.5-1000 (asb)
Stimulus Duration	Adjustable 0.2 to 2 seconds
Stimulus color	yellow, red
Stimulus step	total 27 step 1
Patient Response Time	Adoptive to patient, adjustable 0.2 to 2 seconds
Minimum inter-stimulus delay	Adjustable 0.2 to 2 seconds
Background illumination	4(asb)
Test lens Diameter	35mm
Central sign diameter	3mm
Stimulus points	144(0-60°), 72(0-30°), 72(60-90°), 61(0-10°red), 114(Blind spot)
Chin rest moving range	vertical 70mm, horizontal 90mm
Fixation Method	Automatic monitoring with two options. Available blind spot method, Eye tracking method. In both methods, fixation errors are to be immediately announced by visual and audible warnings. The standard video camera should provide visual of the patient's eye for additional monitoring
Strategies	Estimative test, Qualitative test, Auto threshold, Fast threshold, Full threshold, Esterman test and other popular mode
Test Range	Default test(0-60°), Yellow spot test (central 0-10°), Central 0-30°test, Quadrant test, Peripheral test (60-90°), Blind spot test, Custom test
Stimulator unit dimensions	67 x 66 x 38cm (HxWxD)
Stimulator unit weight	18 KG approx
Stimulator unit power requirements	220V AC 60Hz or 110V 50Hz

Technical Data >>>

Stimulus generation	Hidden LED Array
Max temporal range (degrees)	90°
Testing distance	30cm
Background illumination	31.5 asb (10cd/m2), 100 cd/m2 *
Stimulus size	Goldmann III
Stimulus intensity	0.08 asb – 10,000 asb (0-50 dB)
Stimulus duration	200ms, Configurable

Test Strategy

Threshold test library	T10-2, T24-2, T30-2, T-Macula , T60-4, T-NS
Threshold strategy	Full Threshold, Fast Ladder, HISA, Standard Threshold
Screening test library	S-40, S-64, S-76, S-80, S-Armaly, S60, S-NS, SF-81, SF-120, SF-135
Specialty test library	D-30, D-60, EM-M, EM-B
Screen strategy	Two Zone, Three Zone, Qualified Defect
Blue/Yellow perimetry*	T24-SWAP, T30-SWAP
Custom testing*	Custom Program
Colored perimetry*	Blue Stimuli
Specialty test patterns*	Social Security Disability, monocular, binocular, Superior 36, Superior 64
Fixation monitor	Heijl/Krakau blind spot monitor, Infrared video eye monitor, Gaze tracking, Fixation tracking, Pupil measurement, Blink control
Software features	Visual Field Index Single field analysis SWAP analysis* Networking* DICOM Support*
Responder	Hand held, Foot pedalΔ (for upper limb disabled)

Operating System	
OS	Dedicated OS, immune for general computer viruses
Operator interface	15" LCD touch screen , Keyboard & MouseΔ
Data Storage	32GB, More than 1,000,000 test results
Data Backup	Flash Disk, Portable Hard DiskΔ, Networking
Networking	Ethernet
Electrical Requirements	
Input	100-240V, 50~60Hz
Power consumption	150W
Dimension/Weight	56x49x60cm / 25 Kg

The software interface displays patient information (Name: Zhou Yu, Female, No: N00040, Birth date: 1983-06-10) and test results for T30-2 / OD. It includes a detailed field plot with various test points and a summary table at the bottom.

POINTS	FIX LOGICAL	FIX	FF	QUESTIONS	DURATION
76	1 / 12	1 / 12	1 / 11	284	4'41"
MS	MS	MSD	VIT		
25.46	0.96	2.61	90%		

APS-T90/APS-T00 Projection Auto Perimeter



APS-T90

With software , computer optional



APS-T00

With built-in computer , color and touch screen

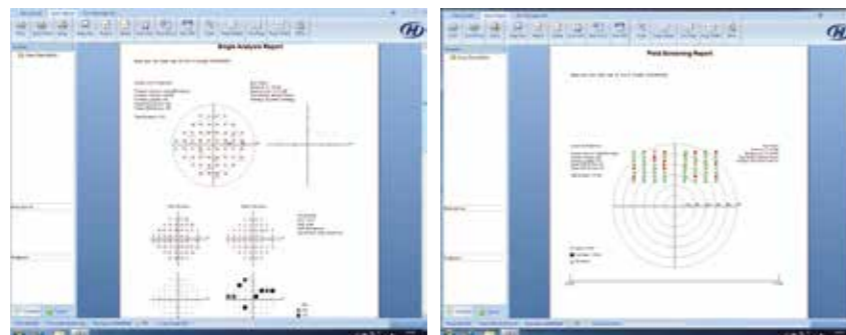
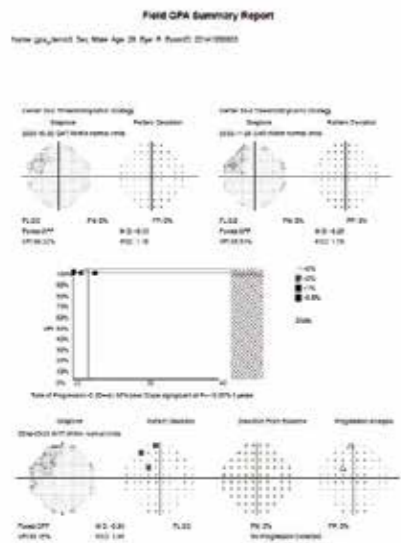
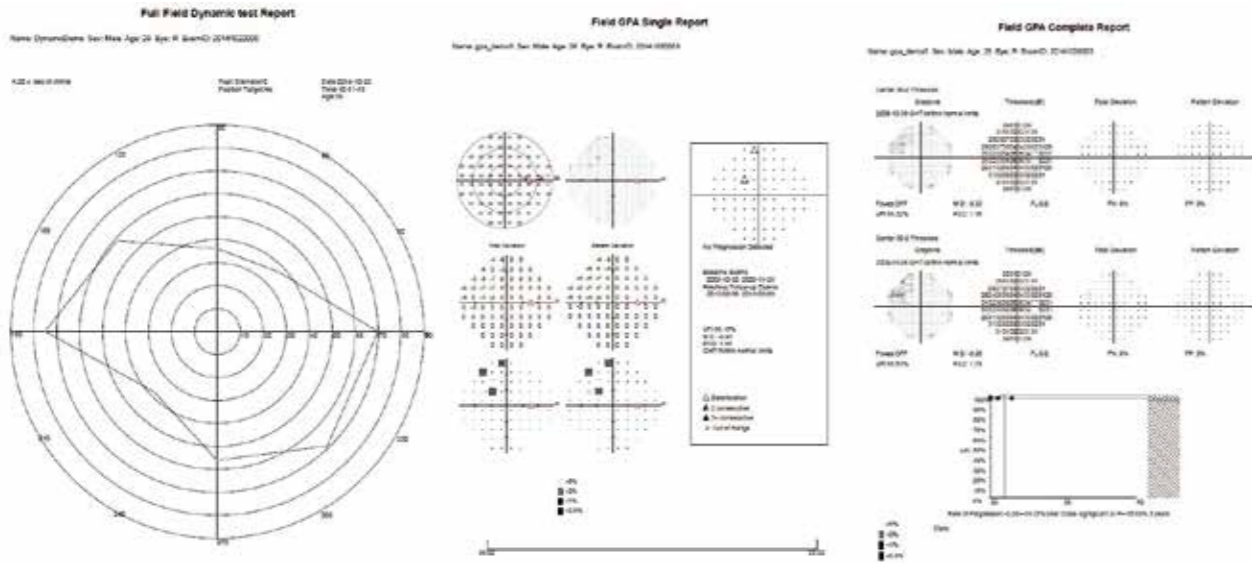
Feature

China's first full-field projection perimeter
Software and hardware design is fully in line with international standards.
Automated,user-friendly design,easier operation

Automatic pupil measurement, monitoring and correction of eye position
3 minutes to complete the threshold perimetry
Report analysis is consistent with the international mainstream.

Technical Specification(APS-T90 APT00):

Model	APS-T90	APS-T00
Device Type	Integrated Type	
Stimulate point appearing way	Optical projection	
Detection method	Static perimetry	
Detection range	0-90 degree	
Background light	Yellow , white	
Background brightness	White:31.5asb Yellow:315asb	
Visual Target color	Red,blue,white	
Visual Target Brightness	Oasb-10000asb	
Vision Target intervaltime	≥200ms(customizable,no limit)	
Visual target holding time	≥200ms(customizable,no limit)	
Brightness level	0-51db	
Visual Target Size(Goldman)	I Grade II Grade III Grade V Grade	
Detection strategy	Full-threshold, fast threshold, custom, Two notation, three notation, quantify defects	
Threshold Policy	Intelligent dynamic, fast intelligent dynamic, age-related, The threshold, a single strength	
Threshold Test Mode	Center 10-2, Center 24-2, Center 30-2, Center 60-4, Nasal step, macula	
Fixation monitoring	Dynamic real-time video monitoring, physiological blind spot monitoring, Eye tracking curve, eye position offset alarm	
Analysis Software	Reliability analysis, analysis of a single vision, triple report analyzes	
Report Figure	Value, grayscale, the overall bias decibel chart, The overall deviation probability map, chart pattern deviation decibels, Pattern deviation probability plot, staring Figure	



MOcean 3000 Ophthalmic OCT



Feature

LSO Equipped with LSO (Line Scanning Ophthalmoscopy),MOcean 3000 provides simultaneously high quality fundus imaging, which is easy for physicians to localize the lesion.

Macular HD line High definition OCT imaging reveals small lesions.

Macular Six -line Radial Having a glimpse of the retina with HD imaging and quick data analysis.

Macular Cube A point-by-point assessment of retinal thichness with a 500X100 dense cube.

Anterior HD line High-definition OCT imaging of the cornea enables localization of the Bowman's layer,the interface between corneal stroma and epithelium.

Anter Six-Redial The anterior segment scanning through 6 radial lines of equal length can be used to measure the central corneal thickness.

En-Face Analysis En-Face OCT provides notable ability to precesely localize lesions within specific subretinal layers.

Glaucoma(Macular)

Glaucoma(Disc)

Informative Report

SPECIFICATIONS >>>

OCT IMAGING

Methodology	Spectral Domain Oct
Optical Source	Super luminescent diode(SLD),840nm
Scan speed	36000 A-Scan/s
Axial Resolution(optical)	5 microns(optical)2.7 microns(digital)
Transverse resolution	15 microns(optional),3 microns9digital)
A-Scan depth	2.3MM
Diopter range	-20D to +20D
Scan patterns	Macular :HD line scan(6mm or 12mm),3D scan(6mm*6mm) Anterior:HD Line scan (6mm),6-line radial scan

FUNDUS IMAGING

Methodology	Line scanning ophthalmoscopy(LSO)
Frame rate	10fps
Minmum pupil diameter	3.0mm
Field of view	47 degrees

SOFTWARE ANALYSIS

Macula	Retina thickness analysis,3D view, En-face analysis, Progression analysis
Glaucoma	RNFL analysis, Ganglion cell analysis , Cup-disk analysis,progression analysis , OU comparative analysis.
Anterior segment	Manual measurement, Corneal thickness analysis
Others	DICOM conformance,Remote viewer software available

ELECTRICAL AND PHYSICAL

Weight	29kg
Dimension	450mm(l)*250mm(w)*450MM(H)
Source voltage	AC 100-240V
Frequency	50Hz-60Hz
Power input	90VA

SPECIFICATIONS SUBJECT TO CHANGED WITHOUT NOTICE

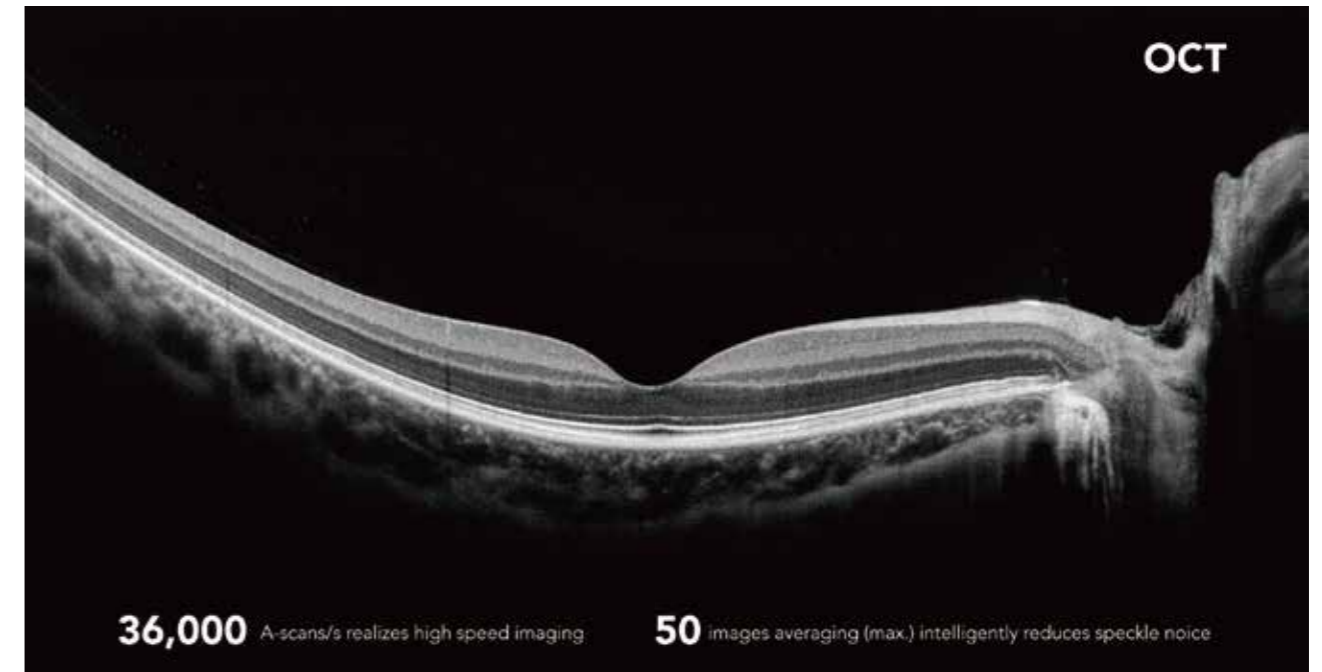


IMAGE GALLERY

LSO

Equipped with LSO (Line Scanning Ophthalmoscopy), MCcean 3000 provides simultaneously high quality fundus imaging, which is easy for physicians to localize the lesion.

Real time widefield LSO image

MACULA

Macular HD Line
High resolution OCT imaging reveals small lesions.

Macular En-face Radial
Using a group of the HD line and HD imaging and each line analysis.

Macular Cube
A group by each measurement of central thickness with a 200 x 100 scan area.



OSE-2000 /OSE-2000AS Optical Coherence Tomography

OSE-2000 OCT :posterior segment
 OSE-2000AS OCT ,:posterior and anterior together

Optical coherence tomography (OCT) is a new , noninvasive , noncontact , transpupillary imaging,technology which can image retinal structures in vivo with a resolution of 5-8 microns. Cross-sectional images of the retina are produced using the optical backsattering of light in a fashion analogous to B-Scan ultrasonography and cofocal microscopy. Cross-sectional images of the retina, is revolutionizing the early detection and treatment and greatly enhanced our quality of patient care.



Applications

In vivo,cross-sectional images and quantitative analysis of retinal fractures to optimize the diagnosis and monitoring of retinal disease and for enhanced pre-and post-therapy assessment.

High-quality images and accurate measures RNFL and the optic nerve head to aid in the detection and management of glaucoma.

Cross-sectional images are valuable for clinical evaluation of macular holes, macular edema and other retinal pathologies. Precise location of pathology to expand diagnostic confidence and therapeutic precision.

Normal and abnormal image contrast image

Lesions image by image with normal OCT images, the regional thickness values? Topographic maps, diagrams and other multi-thickness contrast, thereby comprehensive judgment of disease.

Technical Data >>>

TOMOGRAPHIC IMAGING

PURPOSE	Cross-sectional imaging of the retina
SIGNAL TYPE	Super luminescent LED, 840nm
LIGHT SOURCE	≤0.75mW (Cornea)
OPTICAL POWER	5μm in tissue
AXIAL RESOLUTION	15μm in tissue
LATERAL RESOLUTION	Galvanometer mirror

SCAN MODE	Posterior Segment: line scan, circular scan, cross hair scan, X-line scan, raster lines scan, radial lines scan, area scan Anterior Segment: line scan, radial lines scan
SCAN RATE	29,000 A-scans per second
ACQUISITION TIME	58 pictures per second
SCAN DEPTH	2μm in tissue

FUNDUS IMAGING

SIGNAL TYPE	CCD imaging
FIELD ANGLE	29°x23°
VIEWING METHOD	22-inch color flat panel display
ILLUMINATOR	LED
INTERNAL FIXATION	LED dot matrix
EXTERNAL FIXATION	Adjustable blinking LED
MINIMUM PUPIL DIAMETER	2mm

Retinal precise stratification
 6mm * 6mm range of 3D stereoscopic graphics macula, the overall structure of the optic disc, three-dimensional display morphological structure. Clearly observe the hierarchy.

HD images
 High average sum processing, image is more delicate, the hierarchy clearer.

Normal image
 Cystoid macular edema
 Vitreous oss
 Macular hole

OCT- 5000 Optical Coherence Tomography



Remote data transmission

Remote data transmission system is professional software developed by us, aimed at digital storage and management for ophthalmic imaging examination. In the circumstances, RetiWave 5000 can implement functions of cloud storage of data and distributed resource sharing , so that doctors can read and analyze cases, and carry out telemedicine, etc..

Product Introduction

The first OCT with fundus color photography

RetiView 5000 OCT with fundus color photography with variable retina scanning modes and analysis procedures, which provides direct and reliable analysis reports for auxiliary examinations of retina diseases and glaucoma.

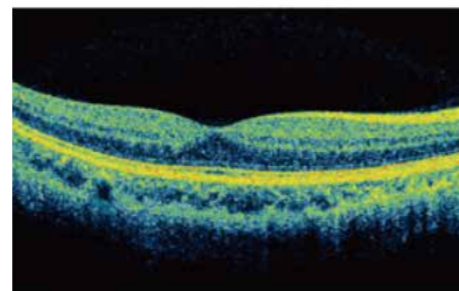
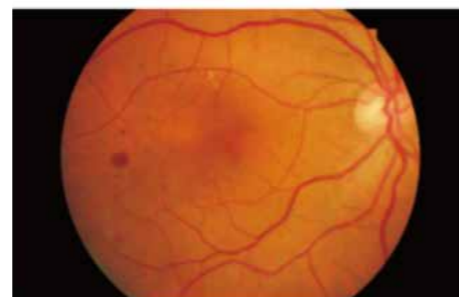
Performance Feature

High- definition and comprehensive

High-definition OCT images with clear color fundus photography present a more accurate details in scanning area.

OCT scanning for macula

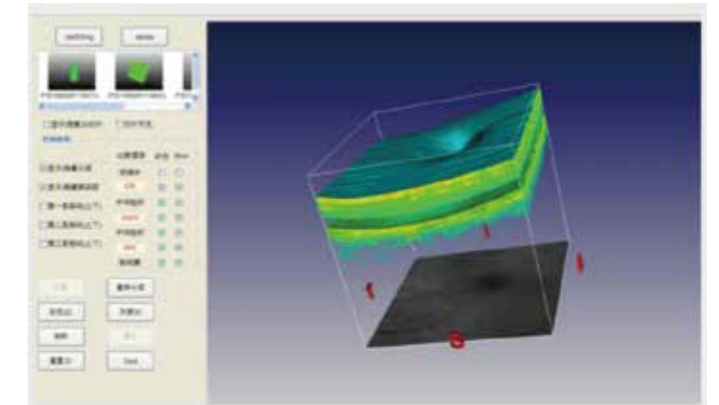
Fundus color photography



Fundus disease

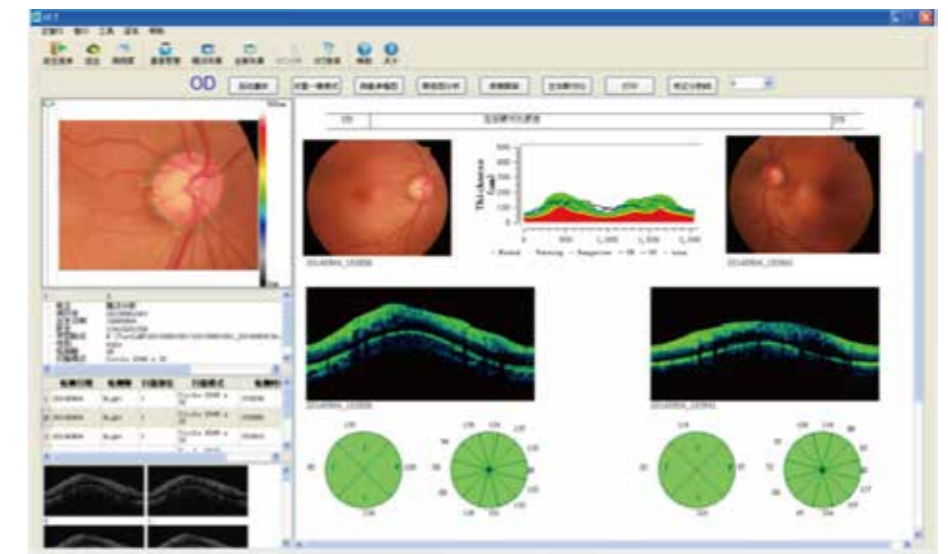
Analysis for macula thickness

3D scanning in macula area of 6mm obtains more than 128 OCT images and mass data. And through professional calculated software, topographic map of retina thickness is got to analyze quality and quantity directly and precisely for diagnosis of retina diseases.



Analysis for macula lesion followup

Macula lesion follow-up visit analysis software helps doctors to judge progress of disease and effect of therapy, such as follow up of age-related macula lesion, cystoid macular edema therapy comparison before and after, etc..



Glaucoma

Comprehensive analysis for optic disc and nerve fibers of the retina

Scanned for optic disc and nerve fiber levels of retina (RNFL), it obtains RNFL images and related specifications of optic disc, such as rim area, cup to disc ratio, etc. and offers reliable quantitative analysis data for glaucoma diagnosis.

Quantitative analysis for optic disc : obtain cup to disc ratio and rim area by scanning for optic disc region

Quantitative analysis for RNFL thickness of two eyes: include TSNIT thickness profile images, RNFL quadrantal diagram and hour images. Compare with normal value database to judge changes of NFL thickness.

HE-7000 Specular Microscope

Precision optical, mechanical and electrical integration instruments, integration of the three-dimensional motion system, auto-focus shooting control system, optical light imaging system, image display processing systems and auxiliary systems, using non-contact mode, you can make a quick auto-calibration, automatic shooting of corneal endothelial cell images and measure the thickness of the cornea, meanwhile, embedded in a rapid and efficient functional software for analysis of corneal endothelial cell images, can make a detailed analysis of the captured images in a timely manner, so as to give help and support to the quick check and analysis of cornea status

Main performance index

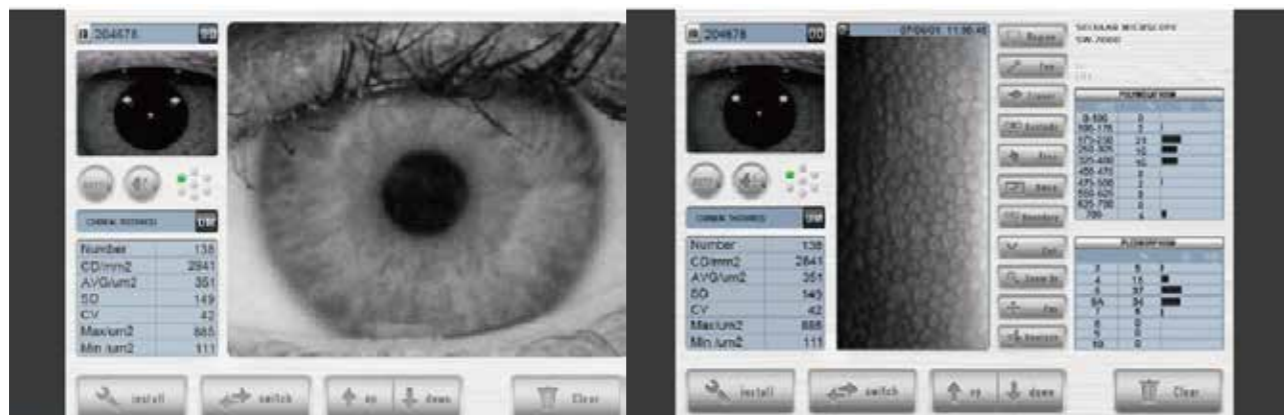
On-screen photography magnification: 165X±10%;

Photography fissure width: 0.25mm±0.025mm;

Accuracy of corneal thickness measurement: ±0.025mm (>0.6mm) , ±0.01mm (≤0.6mm) ;

Weight: 25Kg

Size: 360mm×380mm×450mm



RSOM-2000D Operation Microscope

Characteristics:

- Germany imported Schott optics ensures the surgeon bright, balanced, and fine observation.
- Apochromatic technology used in the optical design, ensures coaxial light focus and provides clearer field of view
- Lock device under the microscope arm ensures the safe distance and prevent accidents from happening.
- Independent electrical control box with the function of automatic diagnosis, which is very convenient for installation and repair if necessary.



Technical Data >>>

Eyeiece Magnifications	12.5×/18B
Objective Lens	f=200
Working Distance	170mm
Magnification for Main Microscope	4.6×~27× motorized and manual control continuous magnification
Magnification for Assistant Microscope	6×、10×、16×
Diameter of Field	46mm~8.5mm
Diopter Adjustment	±7D
Pupil Distance	50mm~75mm (main microscope is 45mm~80mm)
Maximal Resolution	119 LP/mm
Focusing Range for Assistant Microscope	≥30mm
Illumination Source	12V/100W, cold reflection halogen lamp for medical use
Illumination Type	6°+0° coaxial illumination of cold light source, 26° oblique illumination
Coaxial Illumination	≥80000lx, 1~9level, panel operated
Oblique Illumination	≥60000lx, 1~9level, panel operated
Reaching Radius of Arm	1230mm
Adjustable Vertical Range	880mm~1420mm
Fine Focusing Speed and Range	≤2mm/s, ≥50mm
Speed for X/Y and Range	≤2mm/s, 50mm×50mm
Input Voltage	AC220V±22V/50Hz±1Hz、AC110V±11V/60Hz±1Hz
Power	170VA
Fuse	AC250V T4.0A、AC1250V T8.0A
Electrical Safety Standard	Executive standard:GB9706.1-2007, Class I
Packing Volume	0.756m ³ , 5cartons
Total Weight	215kg

RSOM-2000C operation microscope

Characteristics:

- Compact structure and complete functions.
- 4X~24x zoom magnifications, horizontal movement of foot control and fine focusing.
- Germany imported Schott optics ensure the sharp image and even field of view.
- Applied in operations and fine examinations of ophthalmology, ENT, surgery, etc.



Technical Data >>>

Eyeiece Magnification	12.5x, 16x
Diopter Adjustment	±6D
View Angle of Eyepiece	30°~90°
Magnification for Main Microscope(Diameter of Field)	4x~24x (φ41.5mm~φ7.5mm)
Focal Length of Objective Lens	f=200 mm, optional f=175/250/300 mm
Pupillary Adjustment	50 mm ~ 75 mm
Maximum Resolution	119 LP/mm
Working Distance	190 mm
Light Source	15V/150W, medical cold reflection halogen lamp
Illumination Type	6°+0° coaxial illumination
Coaxial Illuminance	≥40,000 Lx
Filters	Orange filter(optional cobalt blue filter)
Reaching Radius of Arm	1020 mm
Adjustable Vertical Range	±250 mm
Fine Focusing Speed and Range	≤2 mm/s, 30 mm
Speed for X/Y and Range	≤2 mm/s, 50 mm×50 mm
Input Voltage	AC 220V/110V±10%, 50Hz/60Hz
Power Consumption	220 VA
Fuse	AC 250V T4.0A, AC 125V T8.0A
Electrical Safety Standard	IEC 60601-1, Class I
Packing Volume	0.418 m ³ , 2 cartons
Total Weight	87 kg

YZ-20T9 Operation Microscope

The product is a double binocular operation microscope designed for two men. It has excellent optical performance and it is comfortable to be used.

Characteristics:

- Advanced apochromatic technology and unique optical balanced technology effectively improves the binocular visual fusions, strengthens in third dimension and reduces surgeon's tiredness during operations.
- Fine focusing knob is under the bottom of assistant binocular. The observation of the assistant's microscope can be finely focused independently of the main microscope to avoid different observation from surgeons.
- 20° oblique illumination can also be used as slit illumination. Slit width is continuously adjustable.
- For ophthalmic use



Technical Data >>>

Eyeiece Magnification	12.5x/18B
Objective Lens	f=200
Working Distance	190mm
Magnifications for Main Microscope	4x、6x、10x、16x、25x
Magnifications for Assistant Microscope	6x、10x、14x
Diameter of Field	58mm、38mm、23mm、14mm、9mm
Diopter Adjustment	±7D
Pupil Distance	50mm ~ 75mm
Maximal Resolution	119 LP/mm
Focusing Range for Assistant Microscope	≥30mm
Illumination Source	12V/100W, Cold Reflection Halogen Bulb for Medical Use
Illumination Type	6°+0° coaxial illumination of cold light source and 20° Oblique Illumination (It can be used as slit illumination) Slit Width is adjustable
Coaxial Illumination	≥50000lx
Oblique Illumination	≥45000lx
Reaching Radius of Arm	1240mm
Adjustable Vertical Range	850mm ~ 1350mm
Fine Focusing Speed and Range	≤2mm/s, ≥50mm
Speed for X/Y and Range	≤2mm/s, 50mm×50mm
Input Voltage	AC220V±22V/50Hz±1Hz、AC110V±11V/60Hz±1Hz
Power	330VA
Fuse	AC250V T4.0A、AC125V T8.0A
Electrical Safety Standard	Executive standard :GB9706.1-2007、Class I
Packing Volume	0.786m ³ , 5cartons
Total Weight	213kg

YZ-20T4 Operation Microscope

Characteristics:

- Assistant microscope can be rotated to opponent microscope.
- Internal beam splitter can be connected with teaching tube and CCD system.
- Equipped with three different objective lenses (f200/f250/f300) and applicable in ophthalmic surgery, orthopedic surgery and hand surgery.
- Oblique illumination can also be used as slit illumination and slit width is adjustable



Technical Data >>>

Eyepiece Magnifications	12.5×/18B
Diopter Adjustment	±7D
Pupil Distance	50mm~75mm
Magnifications for Main Microscope	f200: 4X 6X 10X 16X 25X f250: 3.2X 5X 8X 12.8X 20X f300: 2.7X 4.2X 6.7X 11X 17X
Magnifications for Assitant Microscope	f200: 6X 10X 16X f250: 5X 8X 12.8X f300: 4.2X 6.7X 11X
Maximal Resolution	112 LP/mm
Illumination Source	12V/100W, Cold Reflection Halogen Bulb for Medical Use
Illumination Type	6°+0°coaxial illumination of cold light source和25°Oblique Illumination (It can be used as slit illumination) Slit Width is adjustable, and its angle is 360°rotation.
Coaxial Illumination	≥50000lx
Oblique Illumination	≥45000lx
Reaching Radius of Arm	1040mm
Adjustable Vertical Range	850mm~1350mm
Fine Focusing Speed and Range	≤2mm/s, ≥50mm
Speed for X/Y and Range	≤2mm/s, 50mm×50mm
Input Voltage	AC220V±22V/50Hz±1Hz、 AC110V±11V/60Hz±1Hz
Power	330VA
Fuse	AC250V T4.0A、 AC125V T8.0A
Electrical Safety Standard	Executive Standard: GB9706.1-2007、 type I
Packing Volume	0.727m ³ , 5cartons
Total Weight	215kg

YZ-20P5 Operation Microscope

The product is a simple coaxial illumination operation microscope for one man.It is portable,compact and applied in mobile hospital

Characteristics:

- All the lenses are multi-coated,mildewproof and anti-reflective.
- Optional objectives: f250/f300/f350f/f400.
- Column stand can be refitted to holding stand.It can also be customized according to various operation requirements



Technical Data >>>

Eyepiece Magnification	12.5×
Objective Lens	f=200
Working Distance	190mm
Magnifications for Main Microscope	5.3×、 8×、 12×
Diameter of Field	37mm、 25mm、 16.7mm
Diopter Adjustment	±7D
Pupil Distance	50mm~80mm
Maximal Resolution	100LP/mm
Illumination Source	12V/100W, medical cold reflection halogen lamp
Illumination Type	6°+0°Coaxial cold light source illumination
Coaxial Illumination	≥30000lx
Reaching Radius of Arm	870mm
Adjustable Vertical Range	700mm~1100mm
Fine Focusing Range	30mm
Input Voltage	AC220V V / 50Hz1Hz、 AC110VV /60Hz1Hz
Power	120VA
Fuse	AC250V T1.25A、 AC125V T2.5A
Electrical Safety Standard	Executive Standard: GB9706.1-2007、 type I
Packing Volume	0.2m ³ , 1carton
Total Weight	41kg

YZ-20p Ophthalmic Operation Microscope

The product is smart, compact, portable and applicable in various operations.

Characteristics:

- Smart and compact body allow easy mobility.
- Three-step magnifications.
- Spring balance system of arm ensures the microscope move freely.
- All the lens are multi-coated, mildewproof and anti-reflective.
- Objectives with different focus and various accessories are optional. It can be applied in ENT, Surgery and Gynaecology.



Technical Data >>>

Eyepiece Magnifications	12.5x
Adjustable Diopter	±5D
Adjustable Range for Pupil Distance	50mm ~ 70mm
Objective Lens	f=200
Working Distance	190mm
Magnifications	6X 10X 16X
Illumination Source	12V/100W, cold reflection halogen lamp for medical use
Illumination Type	6° cold light source coaxial illumination
Coaxial Illumination	≥10000lx
Reach Radius of Arm	860mm
Adjustable Vertical Range	850mm ~ 1100mm
Voltage	AC220V10%/50Hz1Hz、AC110V10%/60Hz1Hz
Power	120VA
Fuse	AC250V T1.25A、AC125V T2.5A
Electrical Safety Standard	Executive Standard: IEC601-1, Class I, Type B
Packing Volume	0.283m ³ , 2 cartons
Total Gross Weight	61kg

YZ-130 Operation Microscope

Feature

- 1). using LED light source for coaxial illumination,
- 2). observation angle :with 45° tilted
- 3). 3-step magnification changer, have different working distance and magnification. F=200, F=300
- 4). Filter: Build-in green and yellow filters
- 5). It is used for micro-operation in ophthalmology and dental.



Technical Data >>>

Observation angle	45° tilted
Magnification of binocular	6X
Interpupillary distance	50mm-80mm
Diopter	±5D
Focal length of objective	F=200mm and F=300mm two objectives
Magnification changer	3-step: 0.6X, 1X, 1.6X
Total magnification	3X, 5X, 8X, 4.7X, 7.5X, 12X
Linear field	60.8mm, 37.9mm, 23.6mm, 40.6mm, 25.3mm, 15.8mm
Fine focusing distance	10mm
Illumination	illumination with 10W LED lamp light source, brightness adjustable illumination > 30000lx
Filter	Build-in green and yellow filters
Balancing arm:	2-part arm with universal joints, counterweight adjustable and can be locked
Floor stand	2-part column fitted on the five-star base with casters
Power supply	AC100V-AC240V
Optional accessories	beamsplitter and video camera adapter, C-mount 1/3 inch video camera attachable Demonstrator, Camera (U3CMOS03100KPA, XCAM1080PHA, WUCAM0720PA, ICMS03100KPA, VGA200 WK-73X10, WK-73X10H) SLR camera adapter, Monitor (S22E360H, S22F350FH, P72P) Objective F=250mm & F=400mm Table mount clamp, Wall mount bracket GM112B Monitor mount

YZ-104 Operation Microscope

Feature

- 1).using LED light source for coaxial illumination,
- 2).observation angle :with 45° tilted
- 3).3-step magnification changer, have different working distance and magnification.F=200 ,F=300
- 4).Filter: Build-in green and yellow filters
- 5).It is sued for micro-operation in ophthalmology and dental.



Technical Data >>>

Item	YZ104
Binocular observation	45° Tilted
Magnification of binocular	6X
Interpupillary distance	50mm-80mm
Diopter	±5D
Magnification changer	3-step magnification change: 0.6X,1X,1.6X
Focal length of objective	Two objectives: F=200 & F=300mm (M45x0.75mm)
Total magnification	3X, 5X, 8X, 4.7X, 7.5X, 12X
Linear field	60.8mm, 37.9mm, 23.6mm, 40.6mm, 25.3mm, 15.8mm
Beamsplitter	50:50 Beamsplitter
Video camera adapter	C-mount 1/3 inch video camera attachable
Fine focusing range	10mm
Filter	Built-in green and yellow filters
Balancing arm	2-part arm with universal joints, counterweight adjustable and can be locked
Illumination system	Coaxial illumination with 10W LED lamp light source, brightness adjustable, illumination>30000lx
Stand	Table mount clamp
Optional accessories	Objective F=250mm & F=400mm, Wall mount bracket

YZ-3/YZ-3B/YZ-3C Portable slit lamp

Feature

- 1.Portable slit lamp adopts high-brightness, cold-light illuminator, without external power supply.
- 2. High-brightness LED, cold-light illuminator, its brightness up to 30000 LUX, service life more than 50000 hours.
- 3. Sharp slit, the width can be adjusted continuously.
- 4. Telescopic forehead-rest, easier to observe and adjust the diopter.
- 5. Easier to adjust the magnification by rotating objective lens.
- 6. Small and light, only 700g including battery.
- 8. Full power supplied by battery can drive the slit lamp for 5-6 hours.
- 9. Iphone or Sumsung mobile adaptor optional.can take images by your mobile.



Item / Model	YZ-3	YZ-3B	YZ-3C
Microscope	Microscope Type Converging		
	Objective Lens	1.0X 1.6X	1.0x 1.6x
	Eyepiece	10X	10x 16X
	Total Magnifications	10X 16X	10x 16x 25X
	Working Distance	81mm	
	Intraocular Distance	45mm-78mm	
	Diopter Adjustment	-D8 ~ +D8	
Illumination	Slit Width 0-12mm Continuous		
	Slit Height	1~12mm	
	Slit Angle	Horizontal+30°	
	Light Spot Diameter	Φ0.2mm ;Φ1mm; Φ5mm; Φ12mm	
	Filters	Heat absorption; Yellow;Redfree (Green); Cobalt Blue	
	Illumination Bulb	High-Brightness White LED	
	Brightness	30000Lux	
	Power	5VA	
Power	Charging Voltage	AC100~240V, 50/60Hz	
	LED Working Voltage	DC 3V, 350mAh	
	Battery	Li-ion Battery; 7.4V, 680mAh, Full Battery can supply 5-6 hours continuously	
Weight and Dimension	Dimension	169.5 ×109.5 ×228.5mm	
	Weight	700g (Including Battery)	



YZ-3A Portable slit lamp



Technical Data >>>

Eyepiece	10X and 16X
Objective lens	1X
Total magnification	10X and 16X
Diopter adjustment	±5D
Pupil distance	80mm
Filters	Heat absorption,gray,redfree,cobalt blue
Slit width	0~10mm (continuously adjustable)
Spot Diameter	0.5mm 3mm 5mm 10mm
Slit height	0.5mm 3mm 5mm 10mm
Slit rotator angle	Horizontal+30°
Working time	5-6hours(continuously)
Illumination	White LED 3.0-3.6V/1W 120mAh
battery	High capacity lithium battery:7.4V 680mAh
Package dimensions	195×105×230mm
Net weight	750g
Gross weight	2500g



HSL-900 Hand digital Slit Lamp



Feature

- Image resolution:16MP
- 3.97 inch TFT-LCD touch screen
- USB and Wifi Connection
- Micro SD memory card 16GB
- Auto focus , White LED illumination
- 3.97 inch TFT-LCD touch screen
- With built-in Android APP inside . do not need other mobile or laptop
- There is software , you can install on your laptop or mobile too.
- Rechargeable battery provides up to more than 4 hours of continuous operation



Technical Data >>>

Model	HSL-900
Magnification	10X
Refractive compensation	-7D to +7D
Working distance	80mm
Slit width	0-10mm continuously adjustable
Aperture diameter	1mm,5mm, 10mm, 14mm
Filter	Heat-absorption,Gray, Red-free, Cobalt blue
Light source	White LED
Image resolution	16MP
Focus Mode	Auto
Screen	3.97" color and touch screen
Storage	16GB MicroSD card
Power supply	3.7VLithium Battery 3400mAh
Interface	Mini USB/Wifi/BT/4G
N. Weight	600G
G. Weight	3kg
Packing size	400mm*200mm*230mm



S150 Portable Slit Lamp



Feature

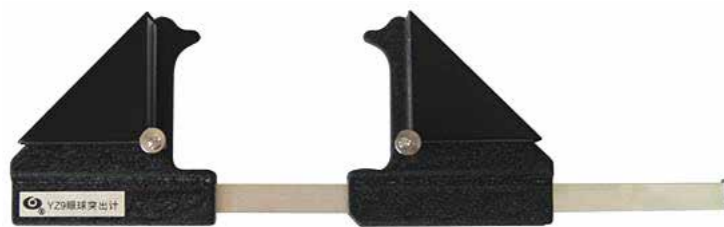
- LED illumination:
- Magnifications:5X
- Comfortable using experience:
- Power- saving: S150 can work for long hours without changing batteries. Can be used for humans and animals



Specifications:

Magnification:	5x
Length of slit	5mm ~ 11mm (stepless)
Minimum width of slit	0.2mm
Working distance:	12 ~ 32mm
Light source	LED (3v/1w, 20,000 hours working life)
Power supply	AA alkaline batteries x 2 (more than 3 hrs working life)
Net weight	150g(without batteries)
Guarantee	1 Year

YZ-9 Exophthalmometer



90D 78D 20D Sphere Lens



90D



78D



20D

BL-2000A Slit Lamp



Feature

-
- Zeiss style
- Magnifications:10x 16x

Technical Data >>>

Microscope type	Converging Stereoscope microscope
Magnification changer	two steps magnification
Total magnification	10X,16X
Inter pupillary distance	50mm~82mm
Side Shift	110mm
Depth Shift	90mm
Height Shift	30mm
Fixation Target	Red Led
Filter	HEAT ABSORPTION, RED-FREE, COBALT BLUE
Slit image width	0~10mm continuous
Slit image length	1~10mm continuous
Slit Height	φ10mm、φ3mm、φ1mm、φ0.2mm
Light source	12v 50W Halogen lamp
Input voltage	220V/110V 50/60Hz
Power consumption	68VA

BL-66B Slit Lamp



Feature

-

Upper light source, haag-streight style
Magnifications:10x 16x

Technical Data >>>

Microscope Type	Converging stereoscope microscope
Objective Magnification	Two Steps Magnifications
Eye Piece	10x
Magnifications(Field of View)	10x(φ18mm) 、16x(φ14.5mm)
Pupil Distance	55mm ~ 82mm
Diopter Adjustment	5D
Slit Width	0mm ~ 9mm adjustable
Slit Height	1mm ~ 8mm adjustable
Aperture of Diameter	φ9mm、φ8mm、φ5mm、φ3mm、φ2mm、φ1mm、φ0.2mm
Slit Angle	0 ~ 180 adjustable
Slit Inclination	5°,10°,15°,20°,four steps adjustable
Diameter of Light Spot	φ9mm、φ8mm、φ5mm、φ3mm、φ2mm、φ1mm、φ0.2mm
Filter	Heat Absorption、Grey、Redfree、Cobalt Blue
Illumination Bulb	12V/50W Halogen Bulb
Input Voltage	AC220V22 V ;AC110V11 V
Electrical Safety Standard	Executive Standard:IEC601-1,Class I,Type B
Packing Volume	720mm 495mm x 480mm
Total Weight	23Kg
Optional Accessories	R type , T type Applanation Tonometer、 Measuring Eye Piece、 Trihedron Lens、Gonioscope、Funduscope、Aspheric Lens

SLM-J Slit Lamp



Feature

-

- Two-step magnifications: 10×、16×
- All the Optical lenses are moistureproof, mildewproof and anti-reflected treated.
- Excellent optical performances.
- Convenient and compact.

It is a good machine for glasses shop.

Technical Data >>>

Microscope Type	Converging stereoscope microscope
Objective Magnification	Two Steps Magnifications
Eye Piece	10x
Magnifications(Field of View)	10x(φ18mm) 、16x(φ14.5mm)
Pupil Distance	55mm ~ 82mm
Diopter Adjustment	5D
Slit Width	0mm ~ 14mm adjustable
Slit Height	1mm ~ 14mm adjustable
Aperture of Diameter	Φ10, Φ8, Φ5, Φ3, Φ2, Φ1, Φ0.2mm
Slit Angle	0 ~ 180 adjustable
Slit Inclination	5°,10°,15°,20°,four steps adjustable
Filter	Heat Absorption、Grey、Redfree、Cobalt Blue
Illumination Bulb	12V/50W Halogen Bulb, LED lamp optional
Input Voltage	AC220V22 V ;AC110V11 V
Electrical Safety Standard	Executive Standard:IEC601-1,Class I,Type B
Packing Volume	720mm 495mm x 480mm
Total Weight	23Kg
Optional Accessories	R type , T type Applanation Tonometer、 Measuring Eye Piece、 Gonioscope、Funduscope、Aspheric Lens

SLM-1 Slit Lamp

Feature

-
Two eye piece , 10x ,16x, can get total 3 magnifications, 10x 16x 25x
Good machine both for glasses shop or hospital .



Technical Data >>>

Microscope Type	Converging stereoscope microscope
eyepiece	10x 16x
Total Magnification	10X: 16X (10X eyepiece) 16X: 25.6X (16X eyepiece)
Pupil Distance	55mm ~ 82mm
Diopter Adjustment	5D
Slit Width	0mm ~ 14mm adjustable
Slit Height	1mm ~ 14mm adjustable
Aperture of Diameter	Φ10, Φ8, Φ5, Φ3, Φ2, Φ1, Φ0.2mm
Slit Angle	0 ~ 180 adjustable
Filter	Heat Absorption、Grey、Redfree、Cobalt Blue
Illumination Tilting	0°, 5°, 10°, 15°, 20°
Illumination Bulb	12V/50W Halogen Bulb, LED lamp optional
Input Voltage	AC220V22 V ;AC110V11 V
Electrical Safety Standard	Executive Standard:IEC601-1,Class I,Type B
Packing Volume	720mm 495mm x 480mm
Total Weight	23Kg
Optional Accessories	R type , T type Applanation Tonometer、 Measuring Eye Piece、 Trihedron Lens、 Gonioscope、Funduscope、Aspheric Lens

SLM-2L Slit Lamp

Feature

-
3 steps magnifications 10x 16x 25x
Very good machine for hospital use



Technical Data >>>

Microscope Type	Parallel Galilean
Eyepiece	12.5X
Total Magnification	10X, 16X, 25X
Diameter of Visual Field	Φ23, Φ14, Φ8.7mm
Pupil Distance	55mm ~ 82mm
Diopter Adjustment	5D
Slit Width	0mm ~ 14mm adjustable
Slit Height	1mm ~ 14mm adjustable
Aperture of Diameter	Φ14, Φ10, Φ5, Φ3, Φ2, Φ1, Φ0.2mm
Slit Angle	0 ~ 180 adjustable
Illumination Tilting	°, 5°, 10°, 15°, 20°
Filter	Heat Absorption、Grey、Redfree、Cobalt Blue
Illumination Bulb	12V/50W Halogen Bulb, LED lamp optional
Input Voltage	AC220V22 V ;AC110V11 V
Electrical Safety Standard	Executive Standard:IEC601-1,Class I,Type B
Packing Volume	720mm 495mm x 480mm
Total Weight	23Kg
Optional Accessories	R type , T type Applanation Tonometer、 Measuring Eye Piece、 Trihedron Lens、Gonioscope、Funduscope、Aspheric Lens

SLM-2 Slit Lamp

Feature

-
- 5 steps of magnifications. 6x 10x 16x 25x 40x
- Very good for Hospital use



Microscope Type	Parallel Galilean
Eyepiece	12.5X
Total Magnification	6X, 10X, 16X, 25X, 40X
Diameter of Visual Field	Φ37, Φ23, Φ14, Φ8.7, Φ5.7mm
Pupil Distance	55mm ~ 82mm
Diopter Adjustment	5D
Slit Width	0mm ~ 14mm adjustable
Slit Height	1mm ~ 14mm adjustable
Aperture of Diameter	Φ14, Φ10, Φ5, Φ3, Φ2, Φ1, Φ0.2mm
Slit Angle	0 ~ 180 adjustable
Illumination Tilting	0°, 5°, 10°, 15°, 20°
Filter	Heat Absorption · Grey · Redfree · Cobalt Blue
Illumination Bulb	12V/50W Halogen Bulb, LED lamp optional
Input Voltage	AC220V22 V ; AC110V11 V
Input power	60VA
Electrical Safety Standard	Executive Standard: IEC601-1, Class I, Type B
Packing Volume	720mm 495mm x 480mm
Total Weight	23Kg
Optional Accessories	R type , T type Applanation Tonometer · Measuring Eye Piece · Trihedron Lens · Gonioscope · Funduscope · Aspheric Lens

SLM-2E Slit Lamp

Feature

-
- With super optical center similar to BQ900
- 5 steps magnifications. Top one in China .



Super Optic System Top Definition Eyepiece Touch-C* Illumination

Technical Data >>>

Microscope Type	Parallel Galilean
Eyepiece	12.5X
Total Magnification	6X, 10X, 16X, 25X, 40X
Diameter of Visual Field	Φ37, Φ23, Φ14, Φ8.7, Φ5.7mm
Pupil Distance	55mm ~ 82mm
Diopter Adjustment	5D
Slit Width	0mm ~ 14mm adjustable
Slit Height	1mm ~ 14mm adjustable
Aperture of Diameter	Φ14, Φ10, Φ5, Φ3, Φ2, Φ1, Φ0.2mm
Slit Angle	0 ~ 180 adjustable
Illumination Tilting	0°, 5°, 10°, 15°, 20°
Filter	Heat Absorption · Grey · Redfree · Cobalt Blue
Illumination Bulb	12V/50W Halogen Bulb, LED lamp optional
Input Voltage	AC220V22 V ; AC110V11 V
Input power	60VA
Electrical Safety Standard	Executive Standard: IEC601-1, Class I, Type B
Packing Volume	720mm 495mm x 480mm
Total Weight	23Kg
Optional Accessories	R type , T type Applanation Tonometer · Measuring Eye Piece · Trihedron Lens · Gonioscope · Funduscope · Aspheric Lens

SLM-JX Slit Lamp



Feature

- Down light ,zeiss style, LED lamp, long life.
 - Two-step magnifications: 10x、16x
 - All the Optical lenses are moistureproof, mildewproof and anti-reflected treated.
 - Excellent optical performances.
 - Convenient and compact.
- It is a good machine for glasses shop.

Technical Data >>>

Microscope Type	Converging stereoscope microscope
Objective Magnification	Two Steps Magnifications
Eye Piece	10x
Magnifications(Field of View)	10x(φ18mm) 、16x(φ14.5mm)
Pupil Distance	55mm ~ 82mm
Diopter Adjustment	5D
Slit Width	0mm ~ 14mm adjustable
Slit Height	1mm ~ 14mm adjustable
Aperture of Diameter	Φ10, Φ8, Φ5, Φ3, Φ2, Φ1, Φ0.2mm
Slit Angle	0 ~ 180 adjustable
Slit Inclination	5°,10°,15°,20°,four steps adjustable
Filter	Heat Absorption、Grey、Redfree、Cobalt Blue
Light source	led
Input Voltage	AC220V22 V ;AC110V11 V
Electrical Safety Standard	Executive Standard:IEC601-1,Class I,Type B
Packing Volume	720mm 495mm x 480mm
Total Weight	23Kg
Optional Accessories	R type , T type Applanation Tonometer、 Measuring Eye Piece、 Trihedron Lens、 Gonioscope、 Funduscope、 Aspheric Lens

SLM-1X Slit Lamp



Feature

- Down light, zeiss style . led lamp , long life
- Converging Optics Design: inspection process is comfortable, not fatigue due to a long time checking.
- 10x,16x magnification eyepiece, can get 10X, 16X and 25X;
- Slit height and width can be adjusted continuously within range 1-14mm built-in four filters can be freely selected.

Technical Data >>>

Technical Specification

Model	SLM-1X
Microscope Type	Converging
Magnification Change Way	Deflector Rod
Eyepiece Magnification	10x 16x
Total Magnifications	10x 16x 25x
Diopter Adjustment	-5D ~+5D
Illumination	Three Steps or Step less Optional
Slit Width	0-14MM Continuous
Slit Height	1-14MM Continuous
Slit Angle	0°- 180° Adjustable
Light Source	LED
Light Spot Diameter	0.2mm, 2mm, 3mm, 5mm, 10mm, 14mm
Filter	Heat Absorption; Grey; Redfree; Cobalt Blue
Fixation	Red LED

Electrical

Illumination Bulb	LED
Input Voltage	110V/220V (±10%)
Input Power	60VA
Diffuse Lens	with
Preset Lens	with
Laser Interface	with
Applanation Tonometer Interface	with

SLM-2X/SLM-2XL Slit Lamp



SLM-2X: Magnifications 6x 10x 16x 25x 40x
SLM-2XL: Magnifications 10x 16x 25x

Feature

- Down light, zeiss style, led lamp, long life
- The new design of high quality micro platforms, operating smoothly;
- Internation quality craftsmanship;
- High eye point, conform, maximum 14mm spot checks greater extent of disease;
- SLM-2X : 5 steps drum zoom design, easier to use 6x, 10x, 16x, 25x, 40x, Corneal endothelial cells can be observed under 40x, SLM-2XL, 3 steps drum zoom design, easier to use 10x, 16x, 25x
- All optical lenses are made of imported materials, anti-moisture and anti-fog coating treatment in a variety of climatic conditions, which can ensure the long term good optical effect.
- Digital upgrate interface, you can upgrade to digital slit lamp.

Technical Specification

	SLM-2X	SLM-2XL
Model	SLM-2X	SLM-2XL
Microscope Type	Galileo Parallel	
Magnification Change Way	Drum 5 Magnifications	Drum 3 Magnifications
Eyepiece Magnification	12.5x	
Total Magnifications	6x, 10x, 16x, 25x,40x	10x, 16x, 25x
Diopter Adjustment	-5D ~+5D	
Illumination	Three Steps or Step less Optional	
Slit Width	0-14MM Continuous	
Slit Height	1-14MM Continuous	
Light Source	LED	
Light Spot Diameter	0.2mm, 2mm, 3mm, 5mm, 10mm, 14mm	
Filter	Heat Absorption; Grey; Redfree; Cobalt Blue	
Fixation	Red LED	

Electrical

Illumination Bulb	LED
Input Voltage	110V/220V (±10%)
Input Power	60VA
Diffuse Lens	Yes
Preset Lens	Yes
Laser Interface	Yes
Applanation Tonometer Interface	Yes

SLM-3X Slit Lamp with Super Optics



Feature

- With Top Optical System , similar to BQ900
- High eye point, comfort;
- Five steps drum zoom design, easier to use 6x, 10x, 16x, 25x, 40x magnification, corneal endothelial cells can be observe- dunder 40x;
- Digital Upgrading Interface; Can Upgrade to Digital Slit Lamp; -Teaching Tube Optional
- High Definition Eyepieces, More Comfortable for Viewing. Drum Magnifications;

Technical Specification

Model	SLM-3X
Microscope Type	Galileo Parallel
Optics	Super Optic System
Magnification Change Way	Drum Rotation
Eyepiece Magnification	12.5x
Total Magnifications	6x 10x, 16x, 25x, 40x
Diopter Adjustment	-5D ~+5D
Illumination	Three Steps or Step less Optional
Slit Width	0-14MM Continuous
Slit Height	1-14MM Continuous
Slit Angle	0°- 180° Adjustable
Light Source	LED
Light Spot Diameter	0.2mm, 2mm, 3mm, 5mm, 10mm, 14mm
Filter	Heat Absorption; Grey; Redfree; Cobalt Blue
Fixation	Red LED

Electrical

Illumination Bulb	LED
Input Voltage	110V/220V (±10%)
Input Power	60VA
Diffuse Lens	with
Preset Lens	with
Laser Interface	with
Applanation Tonometer Interface	with

SLM-4X Digital Slit Lamp



-LED Light Source Design;
 -No heat, long life, bright and uniform illumination;
 -The system uses LED light source, flexible operation. LED lighting continuous and uniform, no heat, its expected service life up to 50,000 hours, energy saving, reducing the tedious replacement of halogen lamps. Support 1080P HD dynamic recording.

Technical Specification

Model	SLM-4X
Microscope Type	Galileo Parallel
Digital System	Nikon D 5200 with high definition DSLR 24.1 Mega Pixels
Background Illumination	with
Magnification Change Way	Drum Five Magnifications
Eyepiece Magnification	12.5x
Total Magnifications	6x, 10x, 16x, 25x,40x
Diopter Adjustment	-5D ~+5D
Illumination	5 Steps and Step less Optional
Slit Width	0-14MM Continuous
Slit Height	1-14MM Continuous
Slit Angle	0°- 180° Adjustable
Light Source	High Light Source
Light Spot Diameter	0.2mm, 2mm, 3mm, 5mm, 10mm, 14mm
Filter	Heat Absorption; Grey; Redfree; Cobalt Blue
Fixation	Red LED

Electrical

Illumination Bulb	LED
Input Voltage	110V/220V (±10%)
Input Power	60VA
Diffuse Lens	with
Preset Lens	with
Laser Interface	with
Applanation Tonometer Interface	with



SLM-4 /SLM-4+ Digital Slit Lamp



SLM-4

SLM-4+

Feature

-
 SLM-4 Digital slit lamp with camera Canon A800, Without software
 SLM-4+ Digital slit lamp with Camera Canon A800, With software , can install on computer
 High definition beam splitter. Joystick handle.
 High quality video and picture, and show on monitor. With professional software. Hot sale now.
 with professional software can process images by computer

Model	SLM-4	SLM-4+
Microscope Type	Galileo Parallel	
Digital	External Digital Camera Digital is Canon A800, It is 10 million pixel.	
Background Light	No	optional
Magnification Change way	Drum Five Magnification	
Eyepiece Magnification	12.5X	
Total Manifications	6x 10x 16x 25x 40x	
Diopter Adjustment	+5D--5D	
Illumination	Five Steps (Stepless Optional)	
Slit Width	0-14mm Continuous (0-14mm Optional)	
Slit Height	1-14mm Continuous (0-14mm Optional)	
Slit Angle	0-180°Adjustable	
Slit Inclination Angle	5° 10° 15° 20°	
Light Spot Diameter	0.2mm, 2mm, 3mm, 5mm, 8mm, 10mm, 14mm(optional)	
Filters	Heat Absorption, Grey, Redfree, Cobalt Blue	
Fixation	Red LED	
Illumination Bulb	German OSRAM Halogen Tungsten Lamp LED lamp optional	
Input Voltage	110V/220V (+/- 10%)	
Input Power	60VA	
Diffuse Lens	Yes	
Preset Lens	Yes	
Laser Interface	Optional	
Applanation Tonometer Interface	Yes	
Software System	no	yes



SLM-3/SLM-3E Slit Lamp Image Collecting and Analysis System



SLM-3 Digital slit lamp

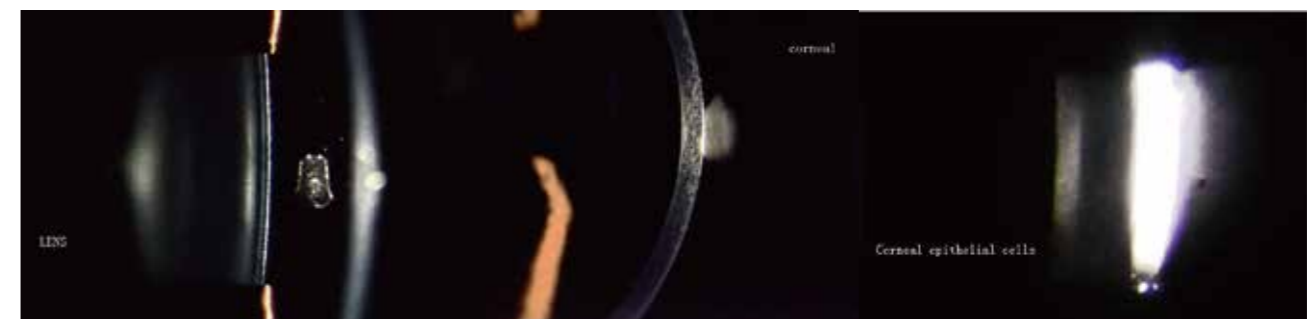
SLM-3E Digital slit lamp Super optical center, similar to BQ900

Main Features:

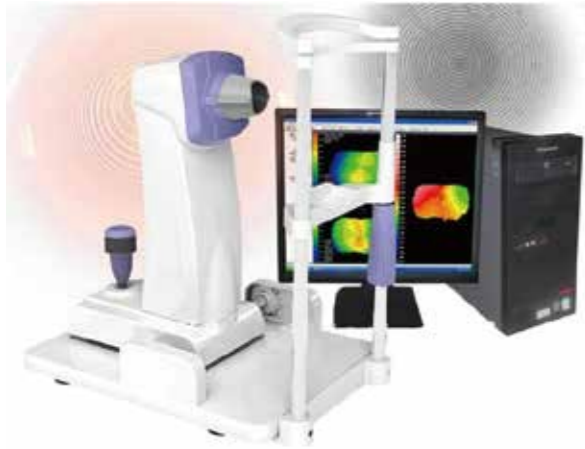
- *High Definition Integrated System. Professional Software. Joystick Handle.
- *This Product Must Be Connected With Computer.
- *Professional Image Software
- *-It based on our standard slit lamp SLM-2 (Galileo type, 5 Mags) and adopts SLR Nikon D 5300 digital camera with 24.1 Million pixel resolution, which allows to take very detailed part the patient eye.
- *-Its professional software system includes high definition video function (MOV format), doctors can record, play, capture image from the video via software directly any time you want during playing.
- *-it can take picture of retina. It can take even the picture of corneal epithelial cells. In the attachment, there are several pictures taken by this high end digital slit lamp.
- *The SLR digital Camera adopts AC power to supply the power. It does not need battery. This function is very convenient for doctors for using.



Technical Specification	
Model	SLM-3ER
Microscope Type	Galileo Parallel
Color Image Capturing Way	Nikon D 5200 with High Definition DSLR
Synchronous Flash Illumination	24.1 Million pixels
Compensation System	Yes
Coaxial Background Light System	Yes
Magnification Change way	Drum Five Magnifications
Eyepiece	12.5x
Total Magnification	6x 10x 16x 25x 40x
Diopter Adjustment	+5D--5D
Slit Illumination	Five Steps (Stepless Optional)
Slit Width	0-14mm Continuous
Slit Height	1-14mm Continuous
Slit Angle	0-180°Adjustable
Slit Inclination Angle	5°10° 15° 20°
Light Spot Diameter	0.2mm,1mm, 2mm, 3mm, 5mm, 10mm, 14mm ,1~14 mm continous
Filters	Heat Absorption, Grey, Redfree, Cobalt Bule LED lamp optional
Fixation	Red LED
Power	60VA
Illumination Bulb	German OSRAM Halogen Tungsten Lamp 12V 50W
Input Voltage	110V/220V (+ - 10%)
Input Power	60VA
Diffuse Lens	Yes
Preset Lens	Yes
Laser Interface	Yes



SW-6000 Corneal Topography



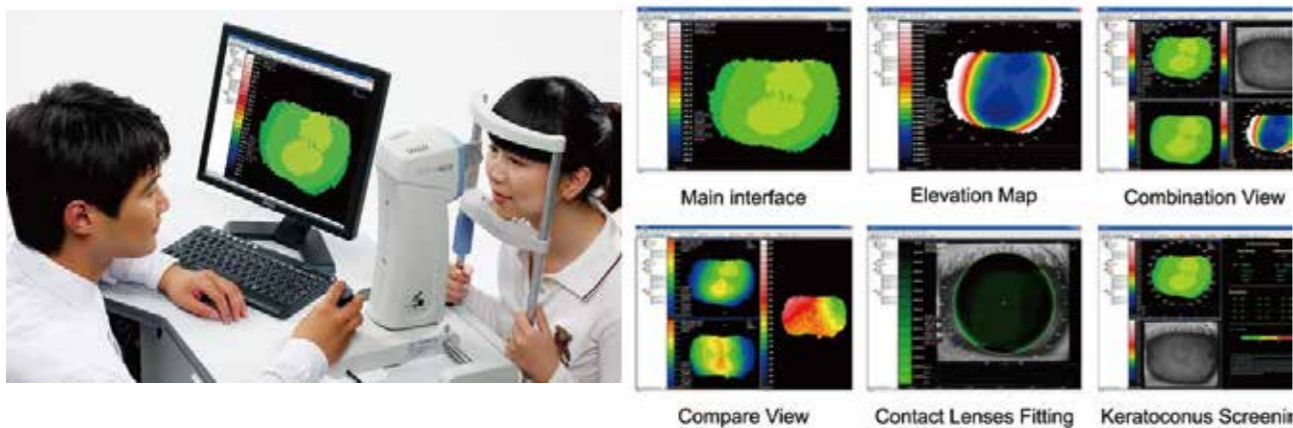
Feature

By PLACIDO cone, 31 rings, a total of 7936 points. Through calculation and analysis, used in the clinical diagnosis of corneal astigmatism, quantitative analysis of corneal shape, display the corneal curvature by data or different colors, can display axial curvature map, tangential curvature map, height map, simulated corneal lens map and corneal 3D map. Can be used in preoperative examination and postoperative effect evaluation of corneal refractive surgery, can guide wearing contact data lens, to improve the accuracy of adaptive contact lens.

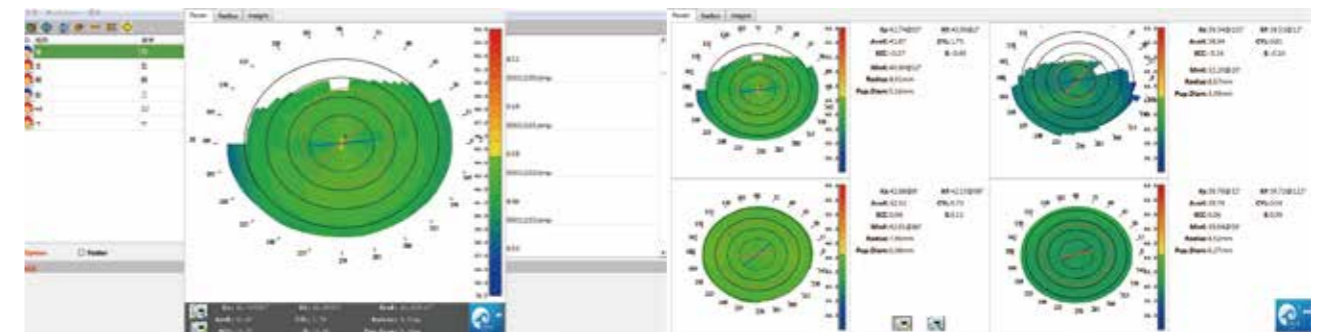
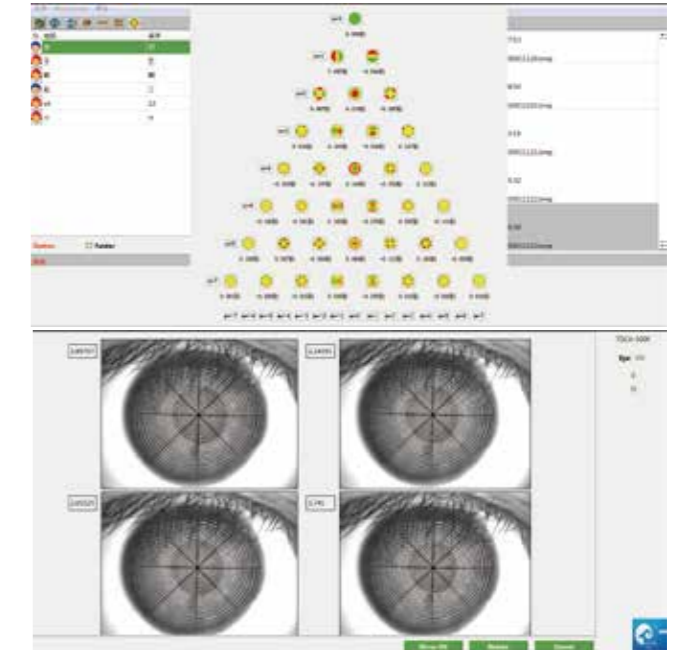
Technical Data >>>

Measuring method	Placido cone
Coverage	10.91mm(Diameter)
Measuring range for curvature radius	5.5mm-10.0mm
Diopter range	33.75D-61.36D
Precision	±0.02mm
Placido rings	31 rings
Measurement points	7,936 points
Display axial curvature map	tangential curvature map, elevation map, imitated keratoscope map and 3D cornea map
Image output	High-quality color inkjet printer
Adjust range	left/right 86mm ; forward/backward 40mm ; up/down 30mm ; chinrest 50mm
Cornea contact lenses fitting function	
Keratoconus detecting function	

User Interfaces



KJ-30 Corneal Topographer



Specification

Measuring Method	Placido cone
Measurement points	>8000 points
Coverage	10mm(R7.95)
Precision	± 0.05mm
Measuring range for curvature radius	5mm-11mm
Resolution	1024×768
Subject Distance	111mm
Light Source	Red LED
OS	Win 7
Memory	2G
Power	DC12V 1.5A 50/60HZ

YZ-30R/YZ30X/YZ30T Applanation Tonometer



YZ-30T without handle



YZ-30R for Haag Streit type slit lamp



YZ-30X for Carl Zeiss type slit lamp

- The product is designed on the principle basis of Goldman tonometer.

Three types are available: R and T Type are suitable for Haag Streit type slit lamp, while X type is suitable for Carl Zeiss type slit lamp.

- It's not only used to examine the eyes, but also measure the intraocular pressure while working under the slit lamp.

- Accurate measurement ensures the total tolerance less than 0.066KPa (0.5mmHg).

- Directly get the intraocular pressure.

- Measured intraocular pressure will not be affected by hardness of eye.

- Adjustable measuring pressure ensures the working stability and accurate measurement of tonometer for long time

Technical Data >>>

Measuring range	0~10.6Kpa
Movement of light circle	1.53'2=3.06mm
Diameter of probe	7mm
Moving range of probe	3mm
With slit lamps	series of Crane and others with suspension arm interface
Wight	300g
Size	190'80'80 mm

YZ-7A Schiotz type tonometer

Feature:

The product is designed and manufactured conforming to the international standard ISO/TR 8612---1997, which is reliable enough in quality, smart and portable in structure and convenient for use.

Principle of design: use the pointer to press cornea and then measure the pressed depth, thus indirectly get the intraocular pressure.

Characteristics:

- Schiotz type tonometer.

- All the parts contacting with cornea are made of stainless steel which is anti-acid and does no harm to issues.

- Safe, reliable, practical, accurate and portable.



SW-500 Rebound Tonometer



Feature

Rebound Tonometer SW-500: With vertical and horizontal two working modes, wireless output print data. The equipment is used to measure intraocular pressure, using the principle of: the probe hits the surfaces of different hardness at a certain speed, has different reaction when the probe rebounds. Be of advantages of high accuracy, portable, without anesthesia, without the cross-infection etc.

Technical Data >>>

Measuring Range	3mmHg ~ 70mmHg
Measuring Error	±1.5mmHg(3mmHg≤intraocular pressure≤25mmHg) ±2.5mmHg(25mmHg < intraocular pressure≤70mmHg)

Measurement can go along both in standing and lying posture

Wireless data printing

Easy to learn, easy to use

Lightweight and handy

No anesthesia, avoiding discomfort reaction

ST-1000 /ST-1000P Full Auto Non-contact Tonometer



ST-1000 , air non-contact tonometer
ST-1000P , air non-contact tonometer with pachymeter function

Feature

-
- Auto tonometer utilizes image control and feature recognition for auto 3-D positioning of xyz with reliable judgment and measurement results, and easy to operate.
- The air non-contact approach to measure IOP can also be used for corneal thickness (ST-1000P).
- Auto 3-D positioning of xyz results in precise and reliable measurement
- Full-auto measurement for both right and left eye data without manual switch
- Easy to operate the tonometer with color touch monitor
- Stable data of IOP through soft air measurement
- To compensate corneal thickness measurement of IOP

Basic Specifications >>>

Intraocular pressure (IOP) measuring range	1mmHg~ 30mmHg /1mmHg ~60mmHg (precision of 1mmHg)
Measuring system:	dual sensor system of light and pressure
Working distance	≥11mm
R/L	automatic detection and display
Measuring result	10 times per eye; 3 times result printing per eye
Recording:	build-in printer
Measuring mode	auto/manual
Focus	when luminous spot is in the focus frame, 2 modes can be chosen. auto mode: auto intraocular pressure measurement manual mode: when it's good focus, the frame will turn yellow into green, and click to start the measurement
Error indication	if the measurement signal is weak, the IOP will be enclosed by (), or display "ERR "
Safety limit button	install measurement for minimum distance between head and patient
Safety functions	the distance between air nozzle and cornea is controlled in preset range (such as 11mm); it will stop going forward when the cornea is too closed to air head
Movement range	≥30mm(front to back)/ 90mm(left to right)/ 30mm(vertical)
Jaw layer vertical movement	0~65mm with under jaw layer
Display mode	10.1-inch HDMI color LED touch monitor
Output port	USB2.0
Working platform	electric elevating platform
Size	380 mm (L) x 460mm (W) x 505mm (H)
Weight	19.7kg
Power supply	220V/50HZ



Note : with development of technology, specifications and design are subject to change without notice.

YZ23B Synoptophore

Characteristics:

- With functions of diagnosis, treatment, simultaneous viewing, syncretic viewing, solid viewing, and afterimage.
- Equipped with a pair of Haidingers Brush and 20 pairs of pictures with different angle.
- Advanced semi-transparent and semi- reflecting viewfinder is convenient for the surgeon to observe.
- Advanced LED luminophor has even illumination, low heat and long service life.
- Pictures designed by new technology are anti-broken and has long service life.
- Manual or automatical coruscation with accurate frequency are at surgeon's option.
- Optional pictures for quantitative measuring of solid acutance (40''~1000'')



Specifications:

- Magnification: 1.65×
- Diameter of Field :≥56mm
- Red light: λ=640nm coruscation system
- Left and right tubes rotate around erect axis converging: 50°, diverging 40°
- Left and right tubes rotate around horizontal axis: ±30°
- Pictures of left and right can be moved up and down according optical axis: ±10△
- Pictures of left and right rotate around optical axis: ±20°
- Adjustable range of interpupillary distance: 45~75mm
- Darkroom illumination LED bulb with symmetry design
- Adjustable Haidingers Brush: 50-100round/ minute
- Coruscation form manual or automatic



SW-100 Portable Keratometer

Characteristics :

Keratometer SW-100: Electronic and optical integration, ultra small corneal curvature tester, is mainly used to measure the corneal curvature radius and diopter, wireless output print data.

Measuring range: 3.0mm~12.908mm

Precision: $\geq \pm 0.05\text{mm}$

Resolution of curvature radius of cornea: 0.01mm

single measuring time: 0.03s

Output: wireless infrared thermal printer

Can observe the eye directly through the screen.

Weight: <0.5Kg(with batteries)

Dimension: 240mmX90mmX60mm

Power: 500mW+15%



YZ38 Keratometer



Specifications

Measuring Range	Curvature Radius	5.511mm
	Diopter	30~60D
Minimum Division	Radius	0.02mm
	Diopter	0.25D
Minimum Surface Area Required by Measurement	r = 5.5mm	Φ1.65mm
	r = 7.5mm	Φ2.36mm
	r = 11mm	Φ3.36mm

The product is used to measure diopter and curvature of cornea surface and the axis and diopter of cornea astigmatism. It can also used to measure the diopter of IOL assisted by A ultrasonic.

BL8002 KERATOMETER

Specifications	BL-8002
Corneal radius of curvature	5.5 to 11mm
Minimum reading	0.02mm
Corneal refractive power	31.00 to 61.00 dptr.
Scale	
Minimum reading	0.25 dptr.
Axis of corneal astigmatism	0 to 180°
Minimum reading	1°
Diopter adjusting scale	0 to ± 5 dptr.
Illumination Bulb	12v 50w halogen lamp
Voltage/frequency	AC 110V/60HZ or 220V/50HZ
Dimensions	450(L) × 300(W) × 450(H)mm
Weight	18kgs



HE-1024-1 Operating table

U armrest better for doctor use . motorized height

This table is suitable for examination, diagnosing, surgical operation and ophthalmology under the microscope. It designs super-low position stable structure. The table has ophthalmology special accessories.



Product Name: (Ophthalmology Special Use)		
Demensions:	Table Top Length	1950mm
	Table Top Width	600mm
Functions:	Height Adjustment(electric)	580-830mm
	Head Board manual Adjustment	0-80mm(manual)
Standard Accessories:	Anesthetic screen frame	1pc
	U support	1pcs
	Arm supports for patient	2pcs
	Manual controller	1pc
Materials:	Stainless Steel base device,,the mattress is made of sponge with high quality leather cover.	

HE-1024-2 Operating table

U armrest better for doctor use . motorized height ,head board height electric

This table is suitable for examination, diagnosing, surgical operation and ophthalmology under the microscope. It designs super-low position stable structure. The table has ophthalmology special accessories.



Product Name: (Ophthalmology Special Use)		
Demensions:	Table Top Length	1950mm
	Table Top Width	600mm
Functions:	Height Adjustment(electric)	580-830mm
	Head Board manual Adjustment	0-80mm(electric)
Standard Accessories:	Anesthetic screen frame	1pc
	U support	1pcs
	Arm supports for patient	2pcs
	Manual controller	1pc
Materials:	Stainless Steel base device,,the mattress is made of sponge with high quality leather cover.	

HE205-1A Operating Table

This table is suitable for examination, diagnosing, surgical operation and ophthalmology under the microscope. It designs super-low position stable structure. The table has ophthalmology special accessories.



Product Name: E.E.N.T Examination (Ophthalmology Special Use)		
Demensions:	Table Top Length	2030mm
	Table Top Width	600mm
Functions:	Height Adjustment(electric)	530-780mm
	Head Board electric Adjustment	0-120mm(electric)
Standard Accessories:	Anesthetic screen frame	1pc
	Arm supports for doctor	2pcs
	Arm supports for patient	2pcs
	Manual controller	1pc
Materials:	Stainless Steel base device,,the mattress is made of sponge with high quality leather cover.	

HE205-1B ophthalmic operating table

This table is suitable for examination, diagnosing, surgical operation and ophthalmology under the microscope. It designs super-low position stable structure. The table has ophthalmology special accessories.



Product Name: E.E.N.T Examination (Ophthalmology Special Use)		
Demensions:	Table Top Length	2030mm
	Table Top Width	600mm
Functions:	Height Adjustment(electric)	530-780mm
	Head Board MANUAL Adjustment	0-120mm
Standard Accessories:	Anesthetic screen frame	1pc
	Arm supports for doctor	2pcs
	Arm supports for patient	2pcs
	Manual controller	1pc
Materials:	Stainless Steel base device,,the mattress is made of sponge with high quality leather cover.	

HE205-2B Ophthalmic Operating Table

Characteristics :

This table is suitable for examination, diagnosing, surgical operation and ophthalmology under the microscope. It designs super-low position stable structure. The table has ophthalmology special accessories



Product Name:	E.E.N.T Examination (Ophthalmology Special Use)	
Dimensions:	Table Top Length	2030mm
	Table Top Width	600mm
Functions:	Height Adjustment(electric)	580-780mm
	Head Board Adjustment manual	0-120mm
	Table Top Lateral Movement electric	0-500mm
Standard Accessories:	Anesthetic screen frame	1pc
	Arm supports for doctor	2pcs
	Arm supports for patient	2pcs
	Manual controller	1pc
Materials:	Stainless Steel base device, the mattress is made of sponge with high quality leather cover.	

HE-205-2A Ophthalmic Operating table with chair

Characteristics :

This table is suitable for examination, diagnosing, surgical operation and ophthalmology under the microscope. It designs super-low position stable structure. The table has ophthalmology special accessories



Product Name:	E.E.N.T Examination (Ophthalmology Special Use)	
Dimensions:	Table Top Length	2030mm
	Table Top Width	600mm
Functions:	Height Adjustment(electric)	580-780mm
	Head Board Adjustment electric	0-120mm(electric)
	Table Top Lateral Movement electric	0-500mm
	Back section adjustment (electric)	0-120mm(electric)
Standard Accessories:	Head board adjustment (manual)	0-120mm
	Head board left and right manual	±45°(manual)
	Anesthetic screen frame	1pc
	Arm supports for doctor	2pcs
Standard Accessories:	Arm supports for patient	2pcs
	Manual controller	1pc
	Materials:	Stainless Steel base device.the mattress is made of sponge with high quality leather cover.

HE-205-3A Ophthalmic operating table

Characteristics :

This table is suitable for examination, diagnosing, surgical operation and ophthalmology under the microscope. It designs super-low position stable structure. The table has ophthalmology special accessories



Product Name:	E.E.N.T Examination (Ophthalmology Special Use)	
Dimensions:	Table Top Length	2030mm
	Table Top Width	600mm
Functions:	Height Adjustment(electric)	580-780mm
	Head Board electric Adjustment	0-120mm(electric)
	Electric tilt back and forth	+15 ° / -35 °
Standard Accessories:	Anesthetic screen frame	1pc
	Arm supports for doctor	2pcs
	Arm supports for patient	2pcs
	Manual controller	1pc
Materials:	Stainless Steel base device.the mattress is made of sponge with high quality leather cover.	

HE205-12E Ophthalmic operating table with chair



Product Name:	E.E.N.T Examination (Ophthalmology Special Use)	
Dimensions:	Table Top Length	2030mm
	Table Top Width	600mm
Functions:	Height Adjustment(electric)	580-780mm
	Back section adjustment (electric)	0-120mm(electric)
	Head board adjustment (manual)	0-120mm
	Head board left and right manual	±45°(manual)
Standard Accessories:	Anesthetic screen frame	1pc
	Arm supports for doctor	2pcs
	Arm supports for patient	2pcs
	Manual controller	1pc
Materials:	Stainless Steel base device.the mattress is made of sponge with high quality leather cover.	

HE205-12A Ophthalmic operating table with chair



This table is suitable for examination, diagnosing, surgical operation on E.E.N.T. It has a stable structure with E.E.N.T special accessories.

Product Name: Electric E.E.N.T Examination & Operating Table		
Demensions:	Table Top Length	2030mm
	Table Top Width	600mm
Functions:	Height Adjustment(electric)	550-800mm
	Back Section Adjustment(electric)	0°-75°
	Head Board Elevator Adjustment	0-120mm(electric)
Standard Accessories:	Anesthetic screen frame	1pc
	Arm supports for doctor	2pcs
	Arm supports for patient	2pcs
	Manual controller	1pc
Materials:	Stainless Steel base device, the mattress is made of sponge with high quality leather cover.	

HE205-7A ophthalmic Ophthalmic Chair



Characteristics :

This table is suitable for examination, diagnosing, surgical operation on E.E.N.T. It is stable, artistic with snug structure.

Product Name: Electric E.E.N.T Examination Chair		
Demensions:	Table Top Length	1620mm
	Table Top Width	500mm
Functions:	Head Pillow Size	300*160*50mm
	Height Adjustment(electric)	580-780mm
	Chair Left & Right Tilt(electric)	±15°
	knees & back board adjustment together(electric)	0°- 180°
	Head pillow adjustment(manual)	up:35°/down:45°
	Head height adjustment(manual)	0-150mm
Standard Accessories:	Head pillow	1pc
	Brake adjusttor	1set
	Arm supports	2pcs
	Manual Controller	1pc
	External power supply	1set
	Foot pedal	1pc
Materials:	Stainless Steel base device and cover, the mattress is made of sponge with high quality leather cover	

HE205-7 Ophthalmic chair

Characteristics :

This table is suitable for examination, diagnosing, surgical operation on E.E.N.T. It is stable, artistic with snug structure.



Product Name: Electric E.E.N.T Examination Chair		
Demensions:	Table Top Length	1620mm
	Table Top Width	500mm
	Head Pillow Size	300*160*50mm
Functions:	Height Adjustment(electric)	580-780mm
	knees & back board adjustment together(electric)	0°- 180°
	Head pillow adjustment(manual)	up:35°/down:45°
	Head height adjustment(manual)	0-150mm
Standard Accessories:	Head pillow	1pc
	Brake adjusttor	1set
	Arm supports	2pcs
	Manual Controller	1pc
	External power supply	1set
	Foot pedal	1pc
Materials:	Stainless Steel base device and cover, the mattress is made of sponge with high quality leather cover.	

XKS3008E Ophthalmic operation table



Hydraulic lifting, Manual .

Technical Data	XKS3008E	
Overall length	21000mm	
Width of table top	480mm	
Floor minimum altitude	500mm	
Traveling schedule	250mm	
Head rest	100mm	
Accessories	Arm Support	■
	Cushion	■

XKS3008E the synthesis surgery table is the ophthalmology department surgery ideal special purpose equipment, uses treadons the hydraulic pump to rise and fall the floor, the lead screw transmission to adjust head plate's altitude, has the operation to be simple, perform reliably merit.

This surgery table main feature is highly low for the floor, especially qualify doctor the sitting posture performs the micro ophthalmology department surgery. The unique establishment's arm supporter facilitates doctor in the surgery to adjust the hand center-of-gravity position, guarantees the ocular region surgery process the stability. The floor and the guard shield material quality may spurt according to the user's needs choice high quality cold rolling carbon steel model or the high-quality stainless steel.

RS-B02C Doctor Chair electric



Electric , with pedal
With wheel
Better for operation use

RS-B02D Luxury Doctor chair electric



Feature:
Motorized height
With pedal
Armrest can move ahead and back, can adjust height manual
360°rotating.
With wheel
With UPS
Better for operation use

RS-B02B Manual pneumatic chair



Feature:
Manual pneumatic adjust height ,
With wheel
Better for operation use

MD-480A Phaco Emulsification



All parts of the system are fully controlled and monitored by microprocessor technology. Smoothly and efficiently controlling the emulsifier process with digital frequency tracing technology of handpiece
Easy operation and user-friendly interface with large touch screen TFT and functional menu
Up to 10 sets of parameters preset meets different requirements and simplifies the surgery operation
Auto test checks tubing and handpiece problems(e.g.:block or leakage)
The peristaltic pump gives complete control of aspiration flow rates as well as freedom from anterior chamber shallowing.This way can give stronger suction when working in I/A
Built-in vitrectomy and cautery.
Intelligent voice reminder



Specifications

Ultrasonic Emulsification(U/S)

- 1.Frequench:40KHz
- 2.Functional mode:Continuance, pulse, linear, burst
Continuance-Emulsifying power Range:0~100%
Pulse:Frequency Range 1~99Hz
Linear:Emulsifying power linearly controlled by Foot switch , varies between 0~100%
Burst-stopping time:1.5~0s
Working time:5~100ms
- 3.Maximum vacuum:500 mmHg
- 4.Maximum fulx rate:40ml/min

Irrigation/Aspiration(I/A)

Flux rate:0~40ml/min
Reflux rate:20ml/min
Max vacuum:500 mmHg

Vitrectomy(VIT)

Cutting Power source:Air pump
Cutting frequency:20~600/min;single cut mode
Maximum Vacuum:500 mmHg
Maximum Flux Rate:40ml/min

Cautery

Maximum Power:10W ±20%
Type:Bipolar
Power prese between:0~100%

HE-810AW Ophthalmic Rapid Freezing

High quality single output (internal decompression and filtering device)
End cooling type
Straight insert sealing plug.
controlled by the pedal switch



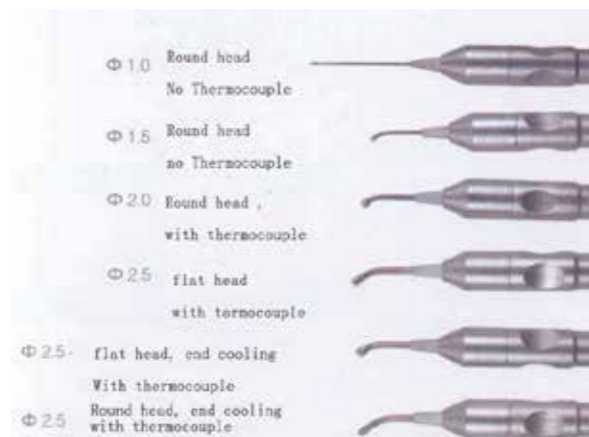
This product apply the Joule-Thomson Principle, take liquid CO2 gas as refrigerant , through circulation control system to produce cooling and unfreezing at the end of cryotherapy pen probe .According to the clinical symptoms you can choose corresponding cryotherapy pen to cure retinal detachment(new-born child retinal detachment). Glaucoma vitreous inside the eye,eye cancer,etc



There are the following accessories:
pedal switch 1pcs
Valve 1pcs
Φ2.0 probe round head 2pcs
Φ2.5 probe, flat head , end cooling 1pcs
Filter 1 set
Seal(Φ10×2.0 Φ12×2.0、Φ16×2.0)each 4pcs
Exhaust pipe 1pcs

Technical Data:

Single-output model(internal decompression and filtering device).
Refrigerant is liquid CO2 purity>99%;
Working pressure:5.1MPa-6.0 MPa;
Both cooling and unfreezing time≤6s
Automatic unloading pressure time:30s-90s
The lowest temperature can be produced is -75 C
Both cooling and unfreezing are controlled by the pedal switch;
With working pressure, temperature, time display;
Automatic unloading and decompression , filtering of CO2 gas
Volume 350*280*120



YZ11 Ophthalmoscope



Characteristics:

- Elegant appearances.
- It is convenient for mobile inspection.Both common dry cell and rechargeable battery power are applicable.

Specifications :

Illumination Form 碼: Large Spot, Middle Spot, Small Spot, Red Free
Diopter Compensation: 0 ±1 ±2 ±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20 -25 -35D Illumination Source : 2.6V/0.78W ,Incandescent Bulb
Power: 2# Alkaescent battery,rechargeable battery

YZ11D Rechargeable ophthalmoscope



Characteristics:

- Improved light path and excellent optical performance.
- Imported halogen bulb provides high and adjustable brightness and good color rendering.
- Smart, portable and convenient for mobile inspection.
- Equipped with special charger, quick and convenient recharging, against over recharging.
- Anti-recharging and anti-discharging function protects the battery.

Specifications:

Illumination Form: Large Spot, Small Spot, Slit, Net, Red Free
Diopter Compensation :0 ±1 ±2 ±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20 -25 -35D
Illumination Source :3.5V/2.8W,Halogen Bulb
Input Voltage :AC220V±22V/50Hz±1Hz·AC110V±11V/60Hz±1Hz
Power(Main body of Ophthalmoscope): Lit Battery Pack 3.7V,Rechargeable

YZ24 Streak Retinoscope



Characteristics:

- The well positioned filament can be rotated for 360 ° and move upward and downward.
- Brightness of the streak can be adjusted.
- Quickly and precisely measure the astigmatism axis.
- The light can be converged, radiated and paralleled.
- Automatic turning off effectively protects the bulb.
- Two-steps adjustable brightness for bulb: S(Bright)·W(Dark).

Working Distance:

1m Streak: 3mm-20mm Streak Rotation: 360°
Illumination Source: 3V/2.1W , Halogen Bulb
Input Voltage: AC220V±22V/50Hz±1Hz·AC110V±11V/60Hz±1Hz

YZ24B /YZ24C/YZ24D Streak Retinoscope (Rechargeable)



Can plus one Ophthalmoscope head or plus YZ11D with two pole two rechargeable well.

Characteristics:

- The filament can be 360 ° rotated and upward and downward moved.
- Quickly and precisely measure the astigmatism axis.
- The light can be converged, radiated and paralleled.
- Continuously adjustable brightness.
- Convenient quick recharging.
- Anti-recharging and anti-discharging function protects the battery.
- Can also be connected with the head of ophthalmoscope.

Specification	
Working Distance	0.67m
Streak	3mm-20mm
Illumination Source	3.5V/2.8W halogen bulb
Streak Rotation	360°
Input Voltage	AC220V 22V/50Hz 1Hz、 AC110V 11V/60Hz 1Hz
Power(Main Body of Ophthalmoscope)	Li+ battery pack DC:3.7V

YZ24E Ophthalmoscope and retinoscope

Specification	
Working Distance	0.67m
Streak	3mm-20mm
Illumination Source	3.5V/2.8W halogen bulb
Streak Rotation	360°
Input Voltage	AC220V 22V/50Hz 1Hz、 AC110V 11V/60Hz 1Hz
Power(Main Body of Ophthalmoscope)	Li+ battery pack DC:3.7V

Retioscope and ophthalmoscope together , two pole, with one charge well.



Characteristics:

- The filament can be 360 ° rotated and upward and downward moved.
- Quickly and precisely measure the astigmatism axis.
- The light can be converged, radiated and paralleled.

- Continuously adjustable brightness.
- Convenient quick recharging.
- Anti-recharging and anti-discharging function protects the battery.
- Can also be connected with the head of ophthalmoscope

DR-1900 Ophthalmoscope and retinoscope



3.5V Streak Retinoscope is designed exclusively to determination of the refraction of the eye . The Streak rinoscope is found by most practitioners to be easy to use fast accurate. And especially valuable in determining the axis of astigmatism.

Multi-coated Optics

- A single control sleeve for vergence and rotation comfortable operation .
- Totally dustproof maintenance free.
- The lowest position gives a divergent beam.
- Superior streak quality enables easier and quicker refractions even in patients with small pupils.
- The powerful bright bulb ensures easy recognition of neutralization.
- Fixation cards for dynamic retinoscopy

3.5V halogen bulb.
LED bulb optional

YZ25C wireless indirect ophthalmoscope



Characteristics

- 1.Indirect binocular
- 2.wireless, rechargeable
- 3.with 20D lens

- 1).LED Lamp (low-temperature, low-pressure, high-grighthness),the light is uniformly, bright and brightness can adjust continuously.
- 2).Imaging clearly , strong dimensional sense and large field of view range.The main body part of this device adopts engineering plastics compact and exquisite.
- 3).Super light weight design to reduce fatigue,operation is very convenient.
- 4).The portable power is suitable for surgery, ward round and consultation.
- 5).Equipped with color filter,teaching mirror and sclera depressor,operating be more handy.

Three kinds of color filter:White light, cobalt blue light, Red-free light.Three different-sizeds aperture, large aperture 60mm, medium sized aperture 40mm, small aperture 20mm. It can suitable for diverse pupils.

Specifications:

- Visual Angle: 45°±5°
- Pupil Distance :52mm-74mm
- Weight :≤700g(excluding the head frame)
- Adjustable Range of the Head Frame Head
- Perimeter:520mm-640mm
- Depth :85mm-125mm
- Illimination LED
- Power supply, Lit battery pack, DC:7.4 V
- Rechargeable

DM6D Ophthalmoscope rechargeable



3.5V Coaxial Ophthalmoscope

Coaxial optics enable easy entry into undilated pupils for more accurate diagnoses, while two filter selections provide optimum light levels for entering healthy eyes and those with cataracts.

Coaxial optics enables easy entry into undilated pupils through precise lamp filament and optical alignment

3.5V Halogen lamp provides light output for true tissue color and consistent, long-lasting illumination
28 lenses form .0D, ±1D, ±2D, ±3D, ±4D, ±5D, ±6D, ±7D, ±8D, ±9D, ±10D, ±12, ±15, ±20D, -25D, +40D
18 unique aperture/filter combinations for greater versatility.

6 standard apertures



Cobalt blue filter, micro spot,
Small spot, large spot, slit,
fixtion aperture

With Red free filter



Cobalt blue filter, micro spot,
Small spot, large spot, slit,
fixtion aperture



LED lamp optional

YZ6H Ophthalmoscope (LED Bulb)



Characteristics:

- LED cold light source. It is durable enough with the designed service life of 100000 hours.
- Low heat benefits from the cold light source.
- Imported bulb maintains 3200K color temperature for long time. The illumination is soft and more similar with sunlight.
- Ultraviolet radiation is eliminated to fully protect patient's eyes.
- Even light spot and sharp observed fundus image.
- Soft rubber around the eyeholes protect eyes and stabilize the ophthalmoscope.

Specifications:

Illumination Form: Large Spot, Small Spot, Slit, Net, Red Free
Diopter Compensation: 0 ±1 ±2 ±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20 -25 -35D
Illumination Source: 3.5V/1W LED Bulb
Input Voltage: AC220V±22V/50Hz±1Hz · AC110V±11V/60Hz±1Hz

YZ6G Ophthalmoscope



Characteristics:

- Excellent optical performance and continuously adjustable brightness, easy to observe the erect fundus image.
- Germany imported bulb provides the high color temperature, good color rendering, even light spot and sharp image.
- Complete types of light spots and filters meet various observation requirements.
- Soft rubber around the eyeholes protect user's eyes and stabilize the ophthalmoscope.
- New functions of soft starting and automatic turn-off extend the service life of bulb.
- Convenient to place and easy to operate. YZ6F replaced on the tabletop and YZ6G mounted on the wall.

Specifications:

Illumination Form: Large Spot, Small Spot, Slit, Net, Red Free
Diopter Compensation: 0 ±1 ±2 ±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20 -25 -35D
Illumination Source: 3.5V/2.8W, Halogen Bulb
Input Voltage: AC220V±22V/50Hz±1Hz · AC110V±11V/60Hz±1Hz 60Hz±1Hz

YZ6F Ophthalmoscope



Same as YZ6G,
only it is placed on table.

Characteristics:

- Excellent optical performance and continuously adjustable brightness, easy to observe the erect fundus image.
- Germany imported bulb provides the high color temperature, good color rendering, even light spot and sharp image.
- Complete types of light spots and filters meet various observation requirements.
- Soft rubber around the eyeholes protect user's eyes and stabilize the ophthalmoscope.
- New functions of soft starting and automatic turn-off extend the service life of bulb.
- Convenient to place and easy to operate. YZ6F replaced on the tabletop and YZ6G mounted on the wall.

Specifications:

Illumination Form: Large Spot, Small Spot, Slit, Net, Red Free
Diopter Compensation: 0 ±1 ±2 ±3 ±4 ±5 ±6 ±8 ±10 ±12 ±16 ±20 -25 -35D
Illumination Source: 3.5V/2.8W, Halogen Bulb
Input Voltage: AC220V±22V/50Hz±1Hz · AC110V±11V/60Hz±1Hz 60Hz±1Hz

CJY-800 Pantoscopic Ophthalmoscope



The brand-new pantoscopic ophthalmoscope is a portable digital imaging device which makes it possible to view and take pictures of the eyes. The optical access of the Pantoscopic ophthalmoscope is aligned to the visual axis of smartphone camera by the adaptor which allows to you take pictures of the fundus and retinal nerve in high resolution. You should save pictures for each patient or email and print as needed. The pantoscopic ophthalmoscope provides a 5X larger view of the fundus compared with the standard ophthalmoscope. It has a wider view field of 23 ° .Without dilating the pupil, the fundus imagine could be captured at any time and places.



Looking at the pupil through an add-on coneeal viewing lens. The practitioner can detect lens opacities easily. In the same way , vitreous opacities could be detected by asking the patient look up and down to the right and to the left. Because the eye changed position or returns to the primary position all vitreous opacities could be seen moving across the pupil area.



RSA-100 Eyepiece adaptor

Feature
Material :Plastic
Mobile screen size:4~5.5"



DW1100 Retinoscope and ophthalmoscope on wall



Feature .
3.5V Streak Retinoscope and 3.5V ophthalmoscope
Halogen lamp
LED optional
AC power on wall

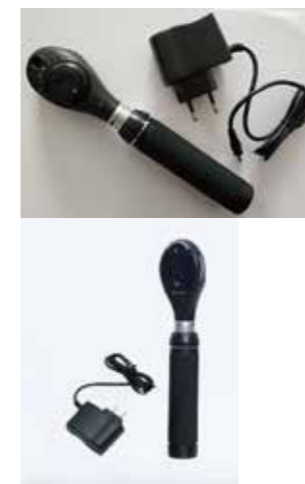
KJ8C Mini-halogen lamp ophthalmoscope dry cell



Convenient , pocket friendly size ,easy to carry with

Illumination :Large light spot \varnothing 3.2mm, small light spot \varnothing 1.6mm, slit , central-net , red-free filter.
Diopter Compensation: 0、 \pm 1D、 \pm 2D、 \pm 3D、 \pm 4D、 \pm 6D、 \pm 8D、 \pm 10D、 \pm 12D、 \pm 16D、 \pm 20D
Light source:2.5V/1.6W , mini-halogen bulb
Power Supply :2*1.5V dry cell (5#)
Input Power :5VA

KJ8B Advanced Rechargeable ophthalmoscope LED light



LED light source with long service life more than 10000h
Fully charged can be continuously used at least 72h
Diopter is from -35D to +40D

Specification

Illumination form : Large light spot(\varnothing 3.2mm), Medium light spot (\varnothing 2.5mm), Small light spot(\varnothing 1.6mm), Semi light spot, Slit, Fixation star, Red-free filter, Blue filter, Polarisation filter
Diopter compensation: 0、 \pm 1D、 \pm 2D、 \pm 3D、 \pm 4D、 \pm 5D、 \pm 6D、 \pm 7D、 \pm 8D、 \pm 9D、 \pm 10D、 \pm 12D、 \pm 15D、 \pm 20D、-25D、-35D、+40D
Illumination bulb: 3.5V Mini-LED bulb
Power supply: AC 220V/50Hz or AC110V/60Hz
Battery: Rechargeable Li-ion Battery
Input power: 5VA

KJ8C Advanced D.C Ophthalmoscope LED LIGHT



LED light source with long service life more than 20000h
 Uniform Aperture, Clear Image
 Compact and easy to operate

Specification

Illumination form: Large light spot(\varnothing 3.2mm), Small light spot(\varnothing 1.6mm),
 Semi light spot , Fixation star, Red-free filter, Blue filter
 Diopter compensation: 0、 \pm 1D、 \pm 2D、 \pm 3D、 \pm 4D、 \pm 6D、 \pm 8D、 \pm 10D、 \pm 15D、 \pm 20D
 Illumination bulb: 3.7V Mini-LED bulb
 Power supply: 2A Dry cell*2

RS-P200C ophthalmoscope rechargeable



Technical Specifications (LED optional)

Illumination	Direct Illumination
Luminance	18.5 Lumen
Bulb	Specified model: V-BP101 (LED Bulb) / V-BP102(XHL Bulb) 2.5V, 0.7A, \varnothing =4.8mm
Battery	3.5V Lithium Ion Rechargeable
Operation	Temperature: 10 °C ~35 °C Humidity: 30%~75% Air pressure: 700hPa~1060hPa
Storage & Transport	Temperature: -40 °C ~70 °C Humidity: 10%~90% Air pressure: 500hPa~1060hPa
Standard	MDD 93/42/EEC IEC 60601-1: 2012, IEC 60601-1-2:2007

OT-200 Otoscope (simple one)



OT-300 Filter Otoscope



Pneumatic otoscope , large viewing windows
 Updated Structure
 3X Magnification
 Fiber Optic Illumination
 LED Technology / XHL Xenon Halogen Technology
 Optional Rechargeable Handle

Technical Specifications

Illumination	Fiber Optic Illumination
Luminance	18.5 Lumen
Magnification	3X
Tip Sizes	2.4mm, 3mm, 4mm, 5mm
Bulb	Specified model: V-BT101 (LED Bulb) / V-BT102(XHL Bulb) 2.5V, 0.7A, \varnothing =4.8mm
Battery	2 AA alkaline batteries
Operation	Temperature: 10 °C ~35 °C Humidity: 30%~75% Air pressure: 700hPa~1060hPa
Storage & Transport	Temperature: -40 °C ~70 °C Humidity: 10%~90% Air pressure: 500hPa~1060hPa
Standard	MDD 93/42/EEC IEC 60601-1: 2012, IEC 60601-1-2:2007

OT-300C Rechargeable otoscope



New ID & Structure
3X Magnification
Fiber Optic Illumination
LED Technology / XHL
Xenon Halogen Technology
Rechargeable Handle

Technical Specifications	
Illumination	Fiber Optic Illumination
Luminance	18.5 Lumen
Magnification	3X
Tip Sizes	2.4mm, 3mm, 4mm, 5mm
Bulb	Specified model: V-BT101 (LED Bulb) / V-BT102(XHL Bulb) 2.5V, 0.7A, $\phi=4.8\text{mm}$
Battery	3.5V Lithium Ion Rechargeable
Operation	Temperature: 10 °C~35 °C Humidity: 30%~75% Air pressure: 700hPa~1060hPa
Storage & Transport	Temperature: -40 °C~70 °C Humidity: 10%~90% Air pressure: 500hPa~1060hPa
Standard	MDD 93/42/EEC IEC 60601-1: 2012, IEC 60601-1-2:2007

OT-100 Otoscope and ophthalmoscope



Updated Structure
3X Magnification
Fiber Optic Illumination
LED Technology / XHL
Xenon Halogen Technology

Technical Specifications	
Illumination	Fiber Optic Illumination
Luminance	18.5 Lumen
Magnification	3X
Tip Sizes	2.4mm, 3mm, 4mm, 5mm
Bulb	Specified model: V-BT101 (LED Bulb) / V-BT102(XHL Bulb) 2.5V, 0.7A, $\phi=4.8\text{mm}$
Battery	2 AA alkaline batteries
Operation	Temperature: 10 °C~35 °C Humidity: 30%~75% Air pressure: 700hPa~1060hPa
Storage & Transport	Temperature: -40 °C~70 °C Humidity: 10%~90% Air pressure: 500hPa~1060hPa
Standard	MDD 93/42/EEC IEC 60601-1: 2012, IEC 60601-1-2:2007

DR1800 Ophthalmoscope & otoscope



Set complete with :3.5V coaxial ophthalmoscope, 3.5V fiber otoscope , 2pcs of 489 rechargeable handle , DT802 DESK CHARGER, POWER ADAPTER , CARTON BOX.

Description.

- 3.5v Coaxial ophthalmoscope
- 3.5V Fiber otoscope
- 489 rechargeable handle with battery
- DT802 DESK CHARGER SET
- P4900 3.5v Spare bulb of ophthalmoscope
- T3100 3.5v SPARE BULB OF 3.5v Otoscope

Professional Lens System
New LED Technology /
XHL Xenon Halogen
Technology
5 Different Apertures
Range of lenses:
-20D~+20D

Ophthalmoscope	
Technical Specifications	
Illumination	Direct Illumination
Luminance	18.5 Lumen
Bulb	Specified model: V-BP101 (LED Bulb) / V-BP102(XHL Bulb) 2.5V, 0.7A, $\phi=4.8\text{mm}$
Battery	2 AA alkaline batteries
Operation	Temperature: 10 °C~35 °C Humidity: 30%~75% Air pressure: 700hPa~1060hPa
Storage & Transport	Temperature: -40 °C~70 °C Humidity: 10%~90% Air pressure: 500hPa~1060hPa
Standard	MDD 93/42/EEC IEC 60601-1: 2012, IEC 60601-1-2:2007

DR2000 Otoscope and ophthalmoscope



New ID &Structure
3X Magnification
Fiber Optic Illumination
LED Technology / XHL
Xenon Halogen Technology
Rechargeable Handle

Technical Specifications	
Illumination	Fiber Optic Illumination
Luminance	18.5 Lumen
Magnification	3X
Tip Sizes	2.4mm, 3mm, 4mm, 5mm
Bulb	Specified model: V-BT101 (LED Bulb) / V-BT102(XHL Bulb) 2.5V, 0.7A, $\phi=4.8\text{mm}$
Battery	3.5V Lithium Ion Rechargeable
Operation	Temperature: 10 °C ~35 °C Humidity: 30%~75% Air pressure: 700hPa~1060hPa
Storage & Transport	Temperature: -40 °C ~70 °C Humidity: 10%~90% Air pressure: 500hPa~1060hPa
Standard	MDD 93/42/EEC IEC 60601-1: 2012, IEC 60601-1-2:2007

Ophthalmoscope

Technical Specifications	
Illumination	Direct Illumination
Luminance	18.5 Lumen
Bulb	Specified model: V-BP101 (LED Bulb) / V-BP102(XHL Bulb) 2.5V, 0.7A, $\phi=4.8\text{mm}$
Battery	3.5V Lithium Ion Rechargeable
Operation	Temperature: 10 °C ~35 °C Humidity: 30%~75% Air pressure: 700hPa~1060hPa
Storage & Transport	Temperature: -40 °C ~70 °C Humidity: 10%~90% Air pressure: 500hPa~1060hPa
Standard	MDD 93/42/EEC IEC 60601-1: 2012, IEC 60601-1-2:2007



DR3000 Otoscope and ophthalmoscope



New ID &Structure
3X Magnification
Fiber Optic Illumination
LED Technology / XHL Xenon
Halogen Technology
Rechargeable Handle

Technical Specifications	
Illumination	Fiber Optic Illumination
Luminance	18.5 Lumen
Magnification	3X
Tip Sizes	2.4mm, 3mm, 4mm, 5mm
Bulb	Specified model: V-BT101 (LED Bulb) / V-BT102(XHL Bulb) 2.5V, 0.7A, $\phi=4.8\text{mm}$
Battery	3.5V Lithium Ion Rechargeable
Operation	Temperature: 10 °C ~35 °C Humidity: 30%~75% Air pressure: 700hPa~1060hPa
Storage & Transport	Temperature: -40 °C ~70 °C Humidity: 10%~90% Air pressure: 500hPa~1060hPa
Standard	MDD 93/42/EEC IEC 60601-1: 2012, IEC 60601-1-2:2007

Ophthalmoscope

Technical Specifications	
Illumination	Direct Illumination
Luminance	18.5 Lumen
Bulb	Specified model: V-BP101 (LED Bulb) / V-BP102(XHL Bulb) 2.5V, 0.7A, $\phi=4.8\text{mm}$
Battery	3.5V Lithium Ion Rechargeable
Operation	Temperature: 10 °C ~35 °C Humidity: 30%~75% Air pressure: 700hPa~1060hPa
Storage & Transport	Temperature: -40 °C ~70 °C Humidity: 10%~90% Air pressure: 500hPa~1060hPa
Standard	MDD 93/42/EEC IEC 60601-1: 2012, IEC 60601-1-2:2007

APS-2000 Visual –electro



Configuration:

Digital biological signal magnifier
 Programmed control flash stimulator
 Colour picture stimulator
 Special electrophysiological A/D card
 Special software AVES-8000

Blinker

Electrode

Picture stimulator:

Stimulator colour: red, yellow, blue, green and white
 Mode of stimulation: chessboard grid, standing bar, matrix and banner.
 Stimulating zone: a total of 12 modes including up/down, left/right, central, full field, up, down, left, right, right top, left top, left bottom, right bottom.
 Space frequency: 0.04, 0.09, 0.19, 0.38, 0.77, 1.55, 3.10
 Dual comparison: 40%, 50%, 60%, 70%, 80%, 90%, 100%

Technical parameters:

Main functions:

Picture visual evoked potential
 Flash visual evoked potential
 Picture electro-retina gram
 Flash electro-retina gram
 Retina surge potential
 Blinker flash evoked potential
 Electro-Oculo Gram
 Flash stimulator
 Stimulating light colour: red, yellow, blue, green and white
 Flash frequency: 0.2~30Hz
 EOG stimulating source: ±15degree red light and audio prompt
 Flash strength: (cd*s/m2)
 6.35e⁻⁴, 1.125e⁻³, 2.000e⁻³, 3.556e⁻³
 6.325e⁻³, 1.125e⁻², 2.000e⁻², 3.556e⁻²
 6.325e⁻², 1.125e⁻¹, 2.000e⁻¹, 3.556e⁻¹
 6.325e⁻¹, 1.125, 2.000
 Brightness of background light (cd/m2)
 0.949 1.687 3.000 5.335 9.487 16.870 30.000

Magnifier:

Common mode rejection: ≥120dB
 Input impedance: ≥100M12PF
 Input short circuit noise: Vp-p≤2.0
 Plus: 1~20k 8grades of programmed control
 Frequency band: 0.1~500Hz 8grades of programmed control.

BIO-2000 Visual electro system

Technical parameters

Magnifier
 Common mode rejection: ≥120dB
 Input impedance: ≥100M12PF
 Input short circuit noise: Vp-p≤2.0
 Plus: 1-20k, 8 grades of programmed control
 Frequency band: 0.1-500Hz 8 grades of programmed control

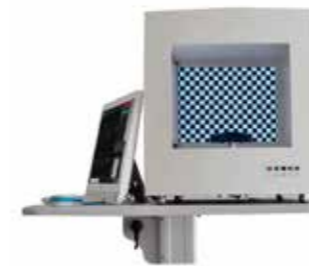
Main functions

Picture visual evoked potential
 Flash visual evoked potential



Picture electro-retina gram
 Flash electro-retina Gram
 Retina surge potential
 Blinker flash evoked potential
 Electro-Ocular Gram
Configuration:
 Digital biological signal magnifier (1)
 Picture electro-retina gram
 Flash stimulator (1)
 Digital colour picture stimulator (1)
 Special electrophysiological A/D card (1)
 Special software for AVES-8000 (1set)
 Picture control card (1 set)
 Jet printer (1) Blinker (1) Electrode (1 set)

RET-P Visual-electric All in Together



Integrated Design

Our industry design team is bold and innovative, integrating all components into a single host. Only one power cord and one data cable in the whole system! pattern stimulator, amplifier and flash stimulator all in one machine. And plus one touch screen Computer,



I CAN TRANSFORM

Include all standard ISCEV programs:
 PVEP, FVEP, PERG, FERG, EOG



Flexible configuration – User defined program

Administrator (login with password) can define your own test programs like those special procedures designed for dog and cat; At the same time, other routine programs for human clinical use remains unchanged.

Offline Averaging & DSP

You can manually remove those sweep signals that are not reliable after test, this is valuable for infants test and medico legal claims; System provide full band-width raw signal, you can design own digital filter to process & averaging it; Facilitate by user-defined digital filter and spectrum analysis, your scientific research will becomes more easy.

Utility

Dark/light adaption timer makes test process more automatic;
 Dark red illumination provide by LightBurst® or LCDPattern® makes electrode setup easy;
 Specially designed dark red screen mode avoid devastation of dark-adaption



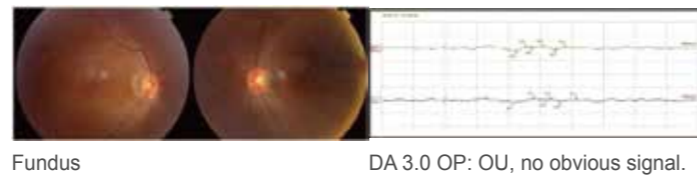
Case Example

VEP - depend on functional integrity of central vision at any level of the visual pathway including the eye, retina, the optic nerve, optic radiations, and occipital cortex;

ERG/FERG – mainly reflect function of rod/cone and connected bipolar cells, rod/cone system can be isolated through dark/light adaptation ;

PERG – represent function of ganglion cells when photo-receptor & bipolar cells works fine;

EOG - is an electrophysiological test of function of the outer retina and retinal pigment epithelium (RPE).



Animal Platform(Optional)

Suitable for mouse, rat, rabbit and other small animals; Equipped with rotating electrode clip, it can fix the electrode through any angle.



Technical Specification

Amplifier

Input Impedience	≥ 1000 MΩ
CMRR	≥ 115dB
Input Noise	≤ 4μVpp
Filter	Full real time digital filter, band-pass, band-stop, high-pass, low-pass, comb filter apply to every channel independently
A/D Resolution	24 bit
Port	Optical isolated USB 2.0
Power Supply	Li-ion battery, switch to USB power automatically when low battery

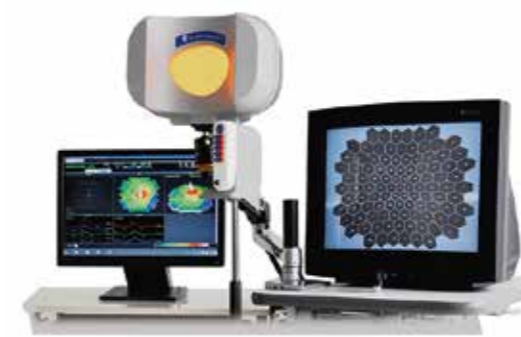
Flash Stimulator

Light Source Color	White, Red, Green, Blue and any of their combination
Flash Luminance	Can produce 30cd-s/m2 broad-band white flash in < 4ms
Flash Luminance Range	0-100 cd-s/m2
Stimuli Mode	Single, Double, String, On/Off, On duration can be adjusted
Background Illumination	0-500 cd/m2
Stimuli Frequency	0.01-200Hz
Fixation & EOG	3 Fixation/EOG indicator, 64 adjustable intensity
Monitor	Infra-red camera

Pattern Stimulator

Luminance	0-200 cd/m2
Contrast	> 98%
Pattern Shape	Checkerboard, Horizontal/vertical stripes, rectangle, adjustable element angle
Stimuli Field	Full field, left/right/upper/lower half, up-down/left-right margin; ¼ left-top/right-top/left-bottom/right-bottom; horizontal/vertical center, 1/8 center; Center circle with any angle; Field outside center circle with any angle.

RET- C Multi-focal Visual Electrophysiology



LCD Pattern Stimulator

Best configurability: checkerboard, horizontal/vertical stripes, rectangle stimuli; Reversal, on/off stimuli; Fixation target and stimuli field can be adjusted; Low-vision fixation target is available; Hexagon & dartboard not available for Re



GIMamp — DC Amplifier for Visual Electrophysiology

24bit high resolution A/D, higher than competitor's 12/14 bit; Optical isolated USB connection, powered by li-ion battery, totally isolated from AC power system, provide excellent anti-interference performance; Automatically switched to USB power, when low battery; Real time full digital filter, cut frequency & order for band bass, low pass, band stop, high pass, and comb filter can be independently set for each channel through software; Provide flexibility for your clinical handing and scientific research than ever; 2 channels by default, optional: 5 / 8 channels



LightBurst® — Flash Stimulator

Small size, big energy; Less than 3 Kg, test seated patient by default; Stimulator can also be taken down to test lying patient or infants; Test for dog, monkey, pig, mouse, rat, rabbit is also been supported conveniently; 18 groups of background, stimuli light source: white, red, blue, green and yellow; Optional: infra-red and ultra-violet for research purpose; Small size leads to more efficient use of light energy, able to provide 100 cd-s/m2 white broad band stimuli in < 4ms, 10X ISCEV standard;



VEP, ERG & EOG

include all standard ISCEV programs : PVEP, FVEP, PERG, FERG, EOG And special programs beyond ISCEV standard: S-Cone ERG, PhNR, Double Flash ERG, On/Off ERG



Flexible configuration – User defined program

Administrator (login with password) can define your own test programs like those special procedures designed for animal test; At the same time, other routine programs for human clinical use remains unchanged

Offline Averaging & DSP

You can manually remove those sweep signals that are not reliable after test, this is valuable for infants test and medico legal claims; System provide full band-width raw signal, you can design own digital filter to process & averaging it; Facilitate by user-defined digital filter and spectrum analysis, your scientific research will becomes more easy.



Utility

Dark/light adaption timer makes test process more automatic; Dark red illumination provide by LightBurst® or LCDPattern® makes electrode setup easy; Specially designed dark red screen mode avoid devastation of dark-adaption

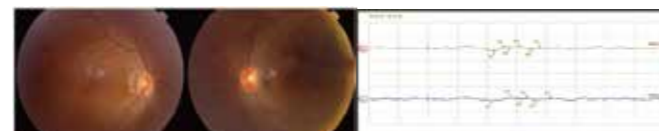
Case Example

VEP - depend on functional integrity of central vision at any level of the visual pathway including the eye, retina, the optic nerve, optic radiations, and occipital cortex;

ERG/FERG – mainly reflect function of rod/cone and connected bipolar cells, rod/cone system can be isolated through dark/light adaptation;

PERG – represent function of ganglion cells when photo-receptor & bipolar cells works fine;

EOG - is an electrophysiological test of function of the outer retina and retinal pigment epithelium (RPE).



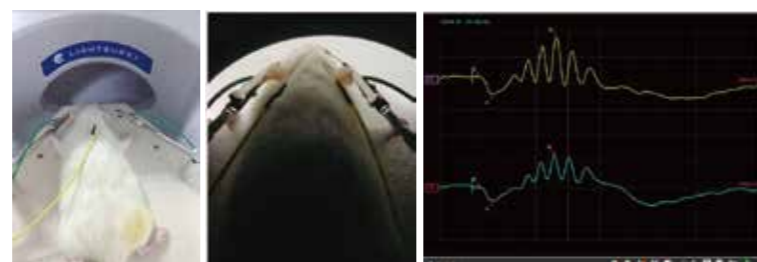
Fundus DA 3.0 OP: OU, no obvious signal

Animal Test (Optional)

Support animal test

Animal electrode set - gold/silver thread cornea electrode, needle, ear clip, disc electrode;

Infra-red camera - state of animal and electrode setup is continuously monitoring.



ERG Test for Rat DA3.0 of Rat



ERG Test for Monkey DA0.01 ERG DA3.0ERG DA3.0 OP LA3.0 ERG LA3.0 Flicker

Dedicated VEP electrode set

Composed by: one bridge as active electrode, one ear clip as ground electrode, one disc as reference.

The VEP electrode dramatically simplify the test and make the whole process happier.



Technical Specification

Amplifier

Input Impedience	≥ 1000 MΩ
CMRR	≥ 115dB
Input Noise	≤ 4uVpp
Filter	Full real time digital filter, band-pass, band-stop, high-pass, low-pass, comb filter apply to every channel independently
A/D Resolution	24 bit
Port	Optical isolated USB 2.0
Power Supply	Li-ion battery, switch to USB power automatically when low battery

Flash Stimulator

Light Source Color	White, Red, Green, Blue, Yellow and any of their combination
Flash Luminance	Can produce 100cd-s/m2 broad-band white flash in < 4ms
Flash Luminance Range	0-1000 cd-s/m2
Stimuli Mode	Single, Double, String, On/Off, On duration can be adjusted
Background Illumination	0-3000 cd/m2
Stimuli Frequency	0.01-200Hz
Fixation & EOG	11 Fixation/EOG indicator, 64 adjustable intensity; -25 - +25° EOG saccade range
Monitor	Infra-red camera

Pattern Stimulator

Luminance	0-200 cd/m2
Contrast	> 98%
Pattern Shape	Checkerboard, Horizontal/vertical stripes, rectangle, adjustable element angle
Stimuli Mode	Reversal, On/Off, String
Stimuli Field	Full field, left/right/upper/lower half, up-down/left-right margin; ¼ left-top/right-top/left-bottom/right-bottom; horizontal/vertical center, 1/8 center; Center circle with any angle; Field outside center circle with any angle.

HRS-100 /HRS-100A Ophthalmic YAG Laser



HRS-100



HRS-100A

HRS-100 series Nd: YAG Laser Ophthalmic Therapy Apparatus is a highly-precise and non-contact, ophthalmic microsurgical equipment. This apparatus is made up of the slit-lamp microscope, Q-switch laser, infrared diode targeting laser, power switch controller, beam propagation system, etc. The instrument is equipped with laser protection device, device preventing false triggering of laser and the power switch, stabilized voltage supply system, so as to ensure the equipment operate in a continuous, stable and safe way .The product is displayed digitally, convenient to operate, easy to manage ,and reliable in performance.



Scope of Application

clinical applicable in iris incision of angle-closure glaucoma.
 foot pedal —handle
 Laser emission handle and the foot switch can be simultaneously added to the instrument. Doctors can choose freely according to their own operating habit
 contact lens Optional
 Optional lens can be optionally equipped with imported iridoscope and Mandelkorn
 Integrated design makes the product more stable and reliable in performance. Compact and efficient design provides doctors with more space to operate, making it possible for patient to receive treatment at his suitable time .and making laser control more convenient

Technical Indicators

operating wavelength: 1064nm
 pulse energy: 0-40mJ
 width of pulse: 6 ns
 focal aperture angle: 16 angle
 repetition frequency: 1 Hz
 number of pulses: 1-4 pulse can be randomly taken
 aiming beam: double red laser spot
 energy selection: 100%、70%、50%、35%、25%、12%、6%
 cooling-down method: cooling-down by air
 power requirement: 220V/50Hz、500W

lighting source
 The brightness of the slit lamp is sustainable and adjustable.
 laser target plate
 The adoption of ENV similar with the material of ocular tissue makes doctors operate more skillfully and accurately.
 power supply
 Modularization design makes the performance more stable, which greatly facilitate the maintenance and upgrading of the equipment.
 direct controlling box.
 Back lighting control box can be rotated freely even to 360 degrees in the panel. The digital display is clearly shown even in the dark room.

HRS-525 Green argon laser



Fiber Protected by steel tube For heave duty of 200Kg load



Detached panel:easy control by finger touch,easily reachable in surgery room



Easy touch to change functions and wave-length



Adaptor for top-light slit lamp



Endo fiber probe



Adaptor for bottom-light Slit lamp



LIO adaptor



ARGON GREEN LASER
 Diode laser
 High integrated
 High Efficiency , no heat
 Multi-wavelength
 Multi-function
 high performance , low cost

Technical Data

Laser Type	525 diode laser :525, (659nm, 810nm optional)
Power	525nm : 800mW
Spot Size	50-500um
Laser-on Time	10-2000mS
Laser-off time	50-1000mS
Aiming	635-670nm < 1mW
Laser Delivery System	Slit lamp adaptor Endo filber probe Lio Adaptor Transscleral Cyclophotocoagulation(TSCPC) Probe
Weight	5kg
Treatments (Depends on laser wave-length or accessories)	Photocoagulation TSCPC Laser Trabeculoplasty

MD-960 Laser Photocoagulator



Aiming Beam

Type: Laser diode
 Wavelength: 630-680nm
 Power output: <1.0Mw, adjustable.
 Cooling: Air cooled thermoelectric cooler system
 Laser delivery unit:slitlamp adapter
 Endo Probe
 Slitlamp delivery:Zeiss and Haag Streit style slit lamp,
 Spot size continuously adjustable from 50 to 500 microns
 Endo Probe: Curved and straight(20,23 and 25G)
 Power : 100-240VAC
 Size: 30cm*28cm*14cm

Specifications

Treatment Beam
 Type:Diode-pumped frequency-doubled solid state laser
 Wavelength:532nm green true CW
 Power output:50-2200Mw, adjustable
 Pulse duration:0.01s-3s, adjustable
 Pulse interval:0.05s-1s, adjustable

MD-920 Ophthalmic YAG Laser



Slit Lamp characteristics:

- Galilean stereoscopic microscope provides the practitioners unsurpassed clarity and sharpness, and avoid double images.
- Five-step drum magnification.
- Optional accessories: Teaching Tube ,CCD Camera and Tonometer

Laser specifications:

Laswer type:ND:YAG
 Wavelength:1064nm
 Mode:Q-Switch
 Pulse Output:1,2,3 pulse
 Pulse width:4.5ns
 Pulse Piepetition Rate:2.5Hz

Output Energy
 A)1.Pulse maximum output:11Mj
 B)2 pulse maximum output:19Mj
 C)3 pulse maximum output:28Mj
 D)Output Energy Rgulation:100%~6%,

adjustable by 7 steps
 Cone Angle:18°
 Spot size:30µm
 Aiming Beam Wavelength:630~680nm
 Aimeing output power PC:< 0.4Mw

YS-22L /18L/12L/8L Autoclave



Professional Design

LED display,easy operation,stainless steel water tank, high density bacteria filter.
 Leading Technology
 Automatic sterilization,automatic drying,keep-temperature function, adjustable sterilization time, accurate temperature control, safety protection design , monitoring system.

	121 °C	121 °C	134 °C	134 °C		BD/Helix	Vacuum
Program	Solid	Universal	Solid	Universal	Cotton	Test	Test
Vacuum times	1	3	1	3	3	3	3
Temperature(°C)	121	121	134	134	134	134	/
Pressure(KPA)	110	110	210	210	210	210	-80
Time(Min)	20	20	4	4	4	3.5	15

	YS-8L	YS-12L	YS-18L	YS-22L
Capacity	8L	12L	18L	22L
Chamber Size	φ 17*32cm	φ 20*36cm	φ 25*35cm	φ 25*45cm
Display	LED	LED	LED	LED
Lock	Electrical/mechanical	Electrical/mechanical	Electrical/mechanical	Electrical/mechanical
Product Size	53.5*36.5*32cm	66*44.5*39cm	66*44.5*39CM	70*44.5*39CM
G.W/N.W	40/34KGS	53/45KGS	56/48KGS	58/50KGS
Power	220V/110V /50Hz. /60Hz 1.7KW	220V/110V /50Hz. /60Hz 1.7KW	220V/110V /50Hz. /60Hz 1.7KW	220V/110V /50Hz. /60Hz 1.7KW
Output	RS232	RS232	RS232	RS232
Printer(optional)	Thermal/Stylus	Thermal/Stylus	Thermal/Stylus	Thermal/Stylus

YS-Z500 Water Purifier



Feature

- Gain 100% pure distilled water economically
- Easy operation, Easy clean .

Power: 750W Voltage: 220V/50Hz
 Ability of distilling water: 1.5L/h
 Chamber size: φ180mm×200mm
 Outside size(L×W×H): 290mm×290mm×390mm
 Package Size(L×W×H): 245mm×285mm×510mm

YS-22L-E /18L-E/12L-E/8L-E Autoclave



Professional Design

LCD display, more & quicker programs, multi-languages available, user-defined programs, 5L large stainless steel water tanks, easy operation, high density bacteria filter, user password, pre-heating before first use, USB+Printer real-time output.

Leading Technology

Dual core control system, first-class safety system, electrical lock with patents, adjustable sterilization parameters, powerful steam generator and vacuum pump, accurate temperature control, fault-self-checking function, separate set-up menu separate service menu.

Program	121 C Solid	121 C Hollow	121 C Porous	134 C Solid	134 C Hollow	134 C Porous	Cotton	Prion	User-defined	BD/Helix Test	Vacuum Test	Clean	
Vacuum times	1	3	3	1	3	3	3	3		3	1	3	
Temperature(C)	121	121	121	134	134	134	134	134		134	/	105	
Pressure(KPA)	110	110	110	210	210	210	210	210		210	-80	20	
Time(Min)	20	20	20	4	4	4	4	19		3.5	15	/	

	YS-8L-E	YS-12L-E	YS-18L-E	YS-22L-E
Capacity	8L	12L	18L	22L
Chamber Size	φ 17*32cm	φ 20*36cm	φ 25*35cm	
Display	LCD	LCD	LCD	LCD
Lock	Electrical/mechanical	Electrical/mechanical	Electrical/mechanical	Electrical/mechanical
Product Size	65*50*43cm	65*50*43cm	65*50*43CM	78*50*43CM
G.W/N.W	40/34KGS	56/46KGS	57/47KGS	70/59KGS
Power	220V/110V /50Hz. /60Hz 1.7KW	220V/110V /50Hz. /60Hz 1.7KW	220V/110V /50Hz. /60Hz 1.7KW	220V/110V /50Hz. /60Hz 1.7KW
Output	USB+RS232	USB+RS232	USB+RS232	USB+RS232
Printer(optional)	Thermal/Stylus	Thermal/Stylus	Thermal/Stylus	Thermal/Stylus

LUB-900B Handpiece washing & Maintaining machine



Feature

1. Lubricating and cleaning high or low speed handpiece easy, accurately.
2. High security, easy to operate, quick to learn
3. Providing 3 pcs handpieces lubricating at same time
4. There have special revolving gear for effectively lubricating with various angle.
5. 3 optional lubricating modes

Working pressure: 0.3-0.6Mpa

Voltage: 220V/50Hz

Air flow: 60L/min

YS-C200 Ultrasonic cleaner for medical use



Feature

1. Rinse time can be set from 1 to 60min.
2. Rinse time can be set from 20 to 80 C.
3. Power is automatically cut off when it is lack of water.
4. External drainage system makes easy to change of rinse liquid.
5. Low noise design makes quiet to operate.
6. Specialized basket is designed for delicate minute instruments.
7. Clear operation plate with digital display makes handy operation.

Power: 75W Voltage: AC 220V/50Hz

Dimensions of the interior slot(LxWxH): 240mmx140mmx150mm

Volume: 5 L

Temperature range: 20 ~ 80 C

Time range: 1 ~ 60 minutes

YS-F300 Sterilization seal machine



Feature

1. Plastic shell, fashion modeling, good insulation properties security
2. Stainless steel countertop, beauty and easy to clean appearance
3. Temperature control device, adjustable sustained, fast and convenient

Power: 500W Voltage: 220V/50Hz

Sealing Width: 250mm Impress Width: 10mm

Outside size(LxWxH):

Package Size(LxWxH): 430mmx340mmx250mm

HE-3200S Full Scale UBM

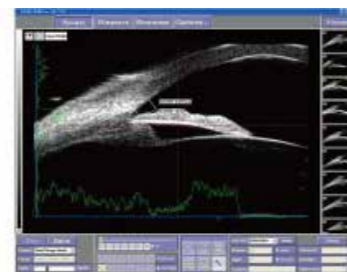


Linear scan and handheld probe
 Sulcus to sulcus measurement
 Full image mode and angle image mode display
 AOD and ACA measurement
 PDF report output

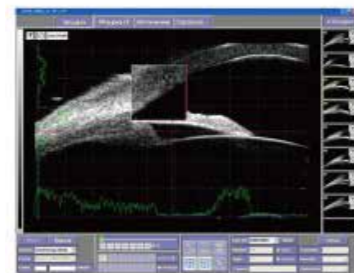
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 Scanning Range: 16mm*9mm;
 10mm*6.5mm
 Image Resolution(full screen):50um
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 Scanning Lines: 1024 lines, 15 um between each,high density & high resolution
 Geometry Distortion: Linear scan, no distortion, no compensation, undistorted image
 Probe: Multi-Dimension, precise locating articulated arm
 Measurement:Distance, angle , perimeter , area
 Display colors:12 false colors
 Display Mode :UBM、 UBM+A.
 Magnify: Special independent ultrasound magnify system,better image in Anterior Segment.
 Eye Fixation: Unique Eye position and LED system
 Working Platform: Windows XP、 VISTA、 WINDOWS7
 Image Process: Length, angle measurements



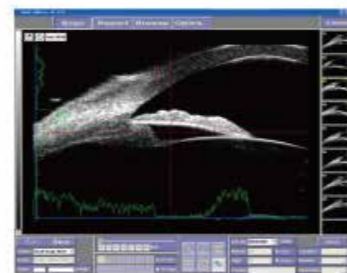
Sulcus to sulcus , angle to angle measurement. Cornea and Anterior chamber measurement.



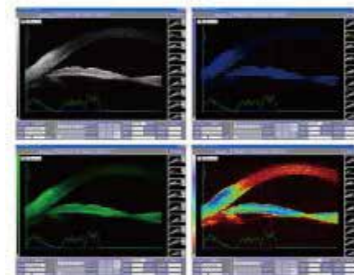
AOD and ACA measurement



Magnify part of image
 Size evaluation of image



U+A Mode



12 false colors



PDF report output

MR-2 Head loupe



X3 X4 X5

SLE Binocular Loupe, SLF Binocular loupe



SLE



SLE

Characteristics:

There are three models. 2.5X, 3.0X,3.5X.
 2.5X is the most popular model. It offers the widest field of view and longest depth of focus.

Magnification	Working distance	Field of view
2.5x	340mm	80mm
2.5x	420mm	100mm
2.5x	460mm	110mm
2.5x	500mm	120mm

Magnification	Working distance	Field of view
3.0x	340mm	70mm
3.0x	420mm	84mm
3.0x	460mm	92mm
3.0x	500mm	100mm

Magnification	Working distance	Field of view
3.5x	340mm	60mm
3.5x	420mm	72mm
3.5x	460mm	78mm
3.5x	500mm	84mm

HL8300 with SLF frame



A battery pack and a 122 switch mode power adapter, yellow filter, multi-clip, carrying case.

Magnification	Working distance	Field of view
2.5x	340mm	80mm
2.5x	420mm	100mm
2.5x	460mm	110mm
2.5x	500mm	120mm

Magnification	Working distance	Field of view
3.0x	340mm	70mm
3.0x	420mm	84mm
3.0x	460mm	92mm
3.0x	500mm	100mm

Magnification	Working distance	Field of view
3.5x	340mm	60mm
3.5x	420mm	72mm
3.5x	460mm	78mm
3.5x	500mm	84mm



Yellow Filter

The head lam technical Data:

Optical specificatoinis

* Illumination in 200mm working distance: =30000 lx

Adjustable range

* Fluctuation distance: 12.5mm

* Direction of Illumination: Vertical ±45°adjustable

Net Weight

* Head lamp: 23g (excluding headband)

Electrical specifications

* Illumination Source: extremely bright light, 3W LED. Life 20000 hours continuous burn.

* Battery: 3.6V Lithium battery (rechargeable)

* Battery Run-time: >7 hours

* Input Voltage: 110VAC/ 220 VAC

* Maximum Power input: 10W

* Electrical Safety Standard: IEC60601.1 class II equipment

Features:

* Lightest weight and most compact 3W LED unit. This light supplies bright, white, shadow-free light allowing the doctor to see tissue characteristics without distortion.

* Enjoy the flexibility of operating the headlight using the rechargeable Lithium battery, can use without the direct power source. It is one of the most comfortable lightweight headlights and suitable for all kinds of surgery.

* The headlight could be used when it is charging. Has low-battery indicator light.

* Adapts to any Frame and Loupes of Zemax.

* Smart design, HL8300 Headlight combined with SLF Binocular Loupes convenient for mobile diagnosis HL8300 Head light(Excluding the binocular loupes) Battery Pack

HL8000 Head light

Characteristics :

Optical specificatoinis

.Diameter of the light spot at a distance of 420mm: 20-90mm

.Illumination in 250mm working distance: >30000 lx

Adjustable range

.Fluctuation distance: 12.5mm

.Vertical direction of Illumination: +/-25 degree adjustable

Net Weight

.70g (excluding headband)

Electrical specifications

.Illumination Source: extremely bright light, 5W LED. Life 20000 hours continuous burn.

.Battery: 7.2V Lithium battery (rechargeable)

.Battery Run-time: >2.5 hours

. Voltage: 110VAC/ 220 VAC

.Maximum Power input: 15W

. Electrical Safety Standard: IEC60601.1 class II Type BF equipment

Features:

* Light Source: Our LED lamp without the heat of traditional Halogen headlight. With a color temperature of 6000 Kelvin, this light supplies bright, white, shadow-free light allowing the doctor to see tissue characteristics without distortion.

* Enjoy the flexibility of operating the headlight using the rechargeable Lithium battery, an use without the direct power source. It is one of the most comfortable lightweight headlights and suitable for all kinds of surgery.

* The headlight could be used when it is charging. Has low-battery indicator light.

* Adapts to any Binocular Loupes of Zemax. * Smart design, convenient for mobile diagnosis.



SLH Binocular Head Loupe

Magnification	Working distance	Field of view
2.5x	340mm	80mm
2.5x	420mm	100mm
2.5x	460mm	110mm
2.5x	500mm	120mm

Magnification	Working distance	Field of view
3.0x	340mm	70mm
3.0x	420mm	84mm
3.0x	460mm	92mm
3.0x	500mm	100mm

Magnification	Working distance	Field of view
3.5x	340mm	60mm
3.5x	420mm	72mm
3.5x	460mm	78mm
3.5x	500mm	84mm

Characteristics :

2.5x is the most popular model. It offers the widest field of view and longest depth of focus.



SLE-8000 Binocular head loupes with lamp



HL8000 LED LIGHT + SLE LOUPE

KD-202-1 Head loupe



LED light optional



Technical Data:

1. Voltage: AC95-245V
2. Lamp power: LED 3W
3. C.T.: 5500±500K
4. Lamp life: 50000h
5. Illumination: 65000lx
6. Size of light spot: 60mm
7. N.W.: 0.26KG
8. DC Charging: 5h
9. DC Power supply: 4h
10. Package size: 170*125*52mm

- ◆Feature: 3W LED illumination, sunlight color, cold light, Simple, Economical, convenient to carry
- ◆Function: Used with magnifier
- ◆Application: Outpatient service, stomatology, ENT

KD-202A-7 Head light



- ◆With Built-in Battery .
- ◆Two battery , one is 4h, another one is 2h.
- ◆Feature: 3W LED illumination, sunlight color, cold light, cableless, two batteries
- ◆Function: Quick of battery replacement, brightness adjustable, can be used with magnifiers
- ◆Variable function: Variable color on the surface
- ◆Application: Surgery room, stomatology, ENT

Technical Data

Voltage	Power	C.T.	Illumination	Size of light spot	DC Time	Lamp Life	Charge Time	Weight	Package
AC 95-245V	LED 3W	5500K	60000LX	10-110mm	4h/2h	50000h	5h	360g	205*190*127mm

KD-202A Headlight



- ◆With Built-in Battery .
- ◆Two battery , both 4h
- ◆Brightness adjustable
- ◆Adapt top world LED light source, color rendering index CRI greater than 90%
- ◆Illumination spot is clear for excellent optical design
- ◆Cableless, two batteries, the battery energy capacity is not attenuated after the battery repeated be charged and discharge 500 times, quick of battery replacement, brightness adjustable, can be used with magnifiers
- ◆Application: Cardiothoracic surgery, neurosurgery, ENT, general surgery, gynecology, dentistry

Technical Data

Voltage	Power	C.T.	Illumination	Size of light spot	DC Time	Lamp Life	Charge Time	Weight	Package
AC 95-245V	LED 5W	5500K	70000LX	10-110mm	4h/4h	50000h	5h	420g	270*250*160mm



MR0620-1 Eye Shield



Technical Data

-
- 1. Material: K resin
- 2. Clear ,transparente
- 3. Size: 6.3*7.8cm , 5.8g/pcs
- 4. Package:1000pcs package inside one large carton .

MR621-3 Eye Shield



Technical Data

-
- 1. Material: Plastic
- 2. Clear
- 3. medical eye shield
- 4.Size, 42mm*50mm

MR0520X/ MR0520D Child Eye Shield



MR0520X

Clear Plastic
Accommodates either eyes
Size42mm*50mm

MR0520D

Clear Plastic
Accommodates either eyes
Size:50mm*60mm

MR0520-2 / MR0520-2 Alumiiium Eye Shield



MR0520-1 For Child
MR0520-2 For adult

MR0520-1 Size , 60*75mm
MR0520-2 ,size:75*90mm

SYX6A Micro Surgical Forceps Set



- 1.Tying Forceps 53323A
- 2.Corneal Scleral Forceps 53288A
- 3.Suturing Forceps 53325A
- 4.Micro-ophthalmic Forceps 53327A
- 5.Tying Forceps 53320A
- 6.Suturing Forceps 53326A

No.	Name	Model	Specifications
1	Tying Forceps	53323A	Long angled,platform 4.5mm in length,105mm in total length
2	Corneal Scleral Forceps	53288A	Straight shafts with micro piece type tips,105mm in total length
3	Suturing Forceps	53325A	Straight,paltform4.5mm in length,1*2teeth of 0.15mm,105mm in total length
4	Micro-ophthalmic Forceps	53327A	Straight,serrated tips,0.25mm in distance,105mm in total length
5	Tying Forceps	53320A	Straight,platform4.5mm in length,105mm in total length
6	Suturing Forceps	53326A	Straight,platform 4.5mm in length,1*2 teeth of 0.20mm,105mm in total length

SYX8 Practical Micro-ophthalmic Surgical Instruments



- 1.Micro-needle Holder 55152B
- 2.Micro-corneal Scissors 54108A/B
- 3.Blade Holder 56202B
- 4.Micro-ophthalmic Forceps 53327A
- 5.Iris Spatula 52391
- 6.Suturing Forceps 53325
7. Tying Forceps 53322A
- 8.Suturing Forceps 53320A

No.	Name	Model	Specifications
1	Micro-needle Holder	55152B	Curved,110mm in total length
2	Micro-corneal Scissors	54108A/B	Curved, 12mm in blade lenngth,120mm in total length
3	Blade Holder	56202B	With spring,120mm in total length
4	Micro-ophthalmic Forceps	53327A	Straight,serrated tips,0.25mm in distance,105mm in total length
5	Iris Spatula	52391	Curved,1.7mm in tip width, 130mm in total length
6	Suturing Forceps	53325	Straight,platform 4.5mm in length,1*2 teeth of 0.15mm,105mm in total length
7	Tying Forceps	53322A	Curved,,platform 4.0mm in length,105mm in total length
8	Suturing Forceps	53320A	Straight,platform 4.5mm in length,105mm in total lengt

SYX9 Micro-operation Instruments Set for Intraocular Lens Implantation



- 1.Cataract Scissors Membrane 54264B
- 2.Corneal Scissors 54109B
- 3.Tying Forceps 53576A
- 4.Suturing Forceps 53574A
- 5.Tying Forceps 53323A
- 6.Coaxial I/A Cannula 56191A
- 7.Eye Speculum 51288A
- 8.IOL Fixation Hook 51478A
- 9.Micro-needle Holder 55152A/B

No.	Name	Model	Specifications
1	Cataract Scissors Membrane	54264B	Straight tips,10mm in blade length,117mm in total length
2	Corneal Scissors	54109B	Slightly curved, 14mm in blade length,120mm in total length
3	Tying Forceps	53576A	Spring type,straight,platform 5.0mm in length,110mm in total length
4	Suturing Forceps	53574A	Straight,platform 5.0mm in length,1*2 teeth of 0.15mm ,110mm in total length
5	Tying Forceps	53323A	Long angled,platform 4.5mm in length,105mm in total length
6	Coaxial I/A Cannula	56191A	Double curved tubes, Φ0.7mm
7	Eye Speculum	51288A	Wire speculum,stainless 15mm blade in length,50mm in total length
8	IOL Fixation Hook	51478A	0.2mm cylindrical tip,angled 15 degree,110mm in total length
9	Micro-needle Holder	55152A/B	Curved,110mm in total length

Fine Corneal Trephines Set

No.	Name	Model	Specifications
1	Corneal Trephines	56057A	Diameter of blade part 7.75mm, 60mm in total length
2		56058A	Diameter of blade part 8mm, 60mm in total length
3		56059A	Diameter of blade part 8.25mm, 60mm in total length
4		56053A	Diameter of blade part 6.75mm, 60mm in total length
5		56052A	Diameter of blade part 6.5mm, 60mm in total length
6		56054A	Diameter of blade part 7mm, 60mm in total length
7		56055A	Diameter of blade part 7.25mm, 60mm in total length
8		56056A	Diameter of blade part 7.5mm, 60mm in total length
9		56050A	Diameter of blade part 6mm, 60mm in total length
10		56051A	Diameter of blade part 6.25mm, 60mm in total length

SYX21 Cataract surgical set titanium



- | | |
|--|---|
| Eye speculum (wire sealing) 1pcs | suturing forceps (flat 1*2) 1pcs |
| Iris spatula (flush type) 1pcs | tying forceps flat 1pcs |
| infusion cannula (double tube 7#) 1pcs | tying forceps angle 1pcs. |
| infusion cannula (coaxial core tee) 1pcs | IOL Implantation force (round) 1pcs |
| Lens loop (flush chicken hear type) 1pcs | microscopic no damage force (straight 0.3MM dia) 1pcs |
| IOL Fixaion Hook round 1pcs | vannas scissors straight 1pcs |
| IOL Fixaion Hook Ttype 1pcs | vannas scissors curved tip 1pcs |
| Cautery(ball) 1pcs | cornea sissors curved blunt 1pcs |
| double head iris spatula 1pcs | cataract scissors membrane 16mm tip 1pcs. |
| infusion handpiece 1pcs | micro-needle holder 1pcs |
| knife holder 1pcs | |

SYX15 Glaucoma Micro-operation Instruments Set



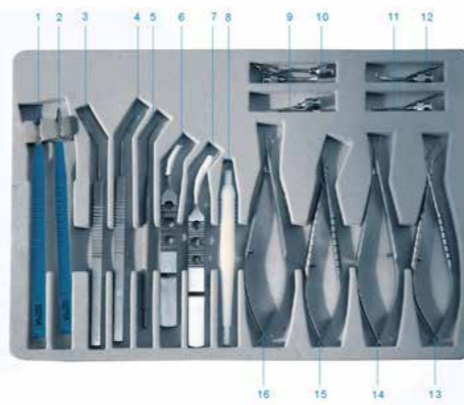
- Including:**
- | | |
|---------------------------|--------------------------------------|
| 1.Aspiration Needle 56146 | 8.Vannas Scissors 54147B |
| 2.Aspiration Needle 56144 | 9.Micro Ophthalmic Scissors 54022 |
| 3.Goniotomy Knife 52231A | 10.Micro-corneal Scissors 54108A/B |
| 4.Iris Spatula 52415 | 11.Suturing Forceps Suturing Forceps |
| 5.Iris Spatula 52414 | 12.Micro Trabecula Punche 56105A |
| 6.Iris Spatula 52404A | 13.Trabeculotomy Probe 56092 |
| 7.Cauter 52700 | 14.Trabeculotomy Probe 56090 |
| | 15.Castroviejo Caliper 56211A |

No.	Name	Model	Specifications
1	Aspiration Needle	56146	Angled Φ0.4mm,tip 27mm in total length
2	Aspiration Needle	56144	StraightΦ0.4mm,tip 27mm in total length
3	Goniotomy Knife	52231A	Straight,2mm in blade length,115mm in total length
4	Iris Spatula	52415	Straight,1.2mm in blade length,117mm in total length
5	Iris Spatula	52414	Straight,1.7mm in blade length,117mm in total length
6	Iris Spatula	52404A	Short angled,11mm in tip length
7	Cauter	52700	Ball shape tip, Φ5.5mm,119mm in total length
8	Vannas Scissors	54147B	Curved,9mm in blade length,84mm in total length
9	Micro Ophthalmic Scissors	54022	Curved round pointed tips,85mm in total length
10	Micro-corneal Scissors	54108A/B	Curved,12mm in blade length,120mm in total length
11	Suturing Forceps	53325A	Straight,1*2 teeth of 0.15mm in total length
12	Micro Trabecula Punche	56105A	Φ1mm,semicircle,forceps-type
13	Trabeculotomy Probe	56092	RightΦ0.28mm,80mm in total length
14	Trabeculotomy Probe	56090	Left,Φ0.28mm,80mm in total length
15	Castroviejo Caliper	56211A	Adjustable,measures from 0-20mm at 1mm increment

SYX16 Cataract Small Incision Instruments Set

Including:

- 1-2:Discission Knife
- 3-4:Nucleus Spatula
- 5:Cataract Knife
- 6:Capsul Extractive Forceps
- 7:Capsulorhexis Forceps
- 8:Infusion Handpiece
- 9:Irrigation/aspiration Cannula
- 10:Lens Loop
- 11-12:12 O'clock Cannula
- 13:IOL Implantation Forceps
- 14/16:Cataract Scissors Membrane
- 15:Micro-needle Holder



No.	Name	Model	Specifications
1	Discission Knife	52274A	Tine,9mm in blade length,128mm in total length
2	Discission Knife	52275A	Roundish,9mm in blade length,128mm in total length
3	Nucleus Spatula	52334	Left,2.8mm in head width,125mm in total length
4	Nucleus Spatula	52335	Right,2.8mm in head width,125mm in total length
5	Cataract Knife	52276A	10.5mm in blade length,120mm in total length
6	Capsul Extractive Forceps	53328A	Angled,0.5mm in serration length,105mm in total length
7	Capsulorhexis Forceps	53317A	Round tips,0.3mm in tip width,105mm in total length
8	Infusion Handpiece	56203	100mm in total length
9	Irrigation/aspiration Cannula	56191A	Φ0.7mm double curved tubes
10	Lens Loop	56136A	3.5mm (width)*11mm(length)slightly
11	12 O'clock Cannula	56195	LeftΦ0.7mm
12	12 O'clock Cannula	56196	RightΦ0.7mm
13	IOL Implantation Forceps	53580A	Curved,R12,112mm in total length
14	Cataract Scissors Membrane	54268A/B	Straight,16mm in blade length,120mm in total length
15	Micro-needle Holder	55152A/B	Curved,110mm in total length
16	Cataract Scissors Membrane	54269A/B	Curved,16mm in blade length,120mm in total length

SYX17 Micro-surgical Instruments Set for Phaco



Including:

- 1:Micro-corneal Scissors
- 2:Eye Speculum
- 3:Discission Knife for IOL Implantation
- 4:Corneoscleral Knife
- 5:Scleral Discission Knife
- 6:Slit Knife
- 7:IOL Fixation Hook
- 8:Lens Manipulator
- 9:Capsule Polish
- 10:Lens Nucleus Manipulator
- 11:Iris Spatula
- 12:Lens Nucleus Hook
- 13:Aspiration Infusion of Cataract
- 14:Casulorhexis Forceps
- 15:Tying Forceps
- 16:Suturing Forceps
- 17:Infusion Cannula

No.	Name	Model	Specifications
1	Micro-corneal Scissors	54108A	Curved,12mm in blade length,120mm in total length
2	Eye Speculum	51286A	Wire speculum,stainless 14mm blade in length,50mm in total length
3	Discission Knife for IOL Implantation	52279A	4mm in blade width,40degree,113mm in total length
4	Corneoscleral Knife	52286A	Straight,10degree,111mm in total length
5	Scleral Discission Knife	52277A	2mm in width of knife,40degree,113mm in total length
6	Slit Knife	52278A	3mm in width of knife,40degree,113mm in total length
7	IOL Fixation Hook	51474A	Angled, Φ0.2mm,110mm in total length
8	Lens Manipulator	51470A	"Y"shaped tip,0.7mm,115mm in total length
9	Capsule Polish	51472A	0.6*0.8mm elliptical tip,113mm in total length
10	Lens Nucleus Manipulator	51473A	0.25mm in tip width,112mm in total length
11	Iris Spatula	52417A	Φ 0.2mm in tip width,112mm in total length
12	Lens Nucleus Hook	51474A	0.2mm in head width,115mm in total length
13	Aspiration Infusion of Cataract	56188A	Curved tip,triple joint, Φ0.6mm
14	Casulorhexis Forceps	53317A	Round tips,0.3mm in tip width,105mm in total length
15	Tying Forceps	53320A	Straight,platform,4.5mm in length,105mm in total length
16	Suturing Forceps	53325A	Straight,platform,4.5mm in length,1*2 teeth of 0.15mm,105mm in total length
17	Infusion Cannula	56197A	Angled,0.5*1.1mm elliptical tip

SZY-CBM19 Ophthalmic Operation Instruments Set

SYX20 Cataract Surgical Set



- Including:**
- 1:Cauter
 - 2:Vannas Scissors
 - 3:Ophthalmic Scissors
 - 4:Iris Scissors
 - 5:Ophthalmic Forceps
 - 6:Corneal Scissors
 - 7:Corneal Scissors
 - 8:Corneal Scissors
 - 9:Blade Holder
 - 10:Iris Spatula
 - 11:Lens Loop
 - 12:Eye Speculum
 - 13:Corneal Scleral Forceps
 - 14:Iris Forceps
 - 15:Coaxial I/A Cannula
 - 16:Tying Forceps
 - 17:Tying Forceps
 - 18:Capsulotomy Forceps
 - 19:Fixation Forceps

No.	Name	Model	Specifications
1	Cauter	52700	Ball shape tip, Φ 5.5mm,119mm in total length
2	Vannas Scissors	54136B	Straight, 6.5mm blade in length,84mm in total length
3	Ophthalmic Scissors	54014	Curved blunt tips,100mm in total length
4	Iris Scissors	54060	Two sharp tips,90mm in total length
5	Ophthalmic Forceps	53076	Straight,1*2 teeth,100mm in total length
6	Corneal Scissors	54109A/B	Curved,platform 4.5mm in length,105mm in total length
7	Micro-needle Holder	55152A/B	Curved,110mm in total length
8	Strabismus Hook	52454	Blunt,135mm in total length
9	Blade Holder	56202B	With spring,120mm in total length
10	Iris Spatula	52391	Curved,1.7mm in tip length,130mm in total length
11	Lens Loop	52500	Curved,tip 4.5mm*15mm,140mm in total length
12	Eye Speculum	51286A	Wire speculum,stainless 14mm in blade length,50mm in total length
13	Corneal Scleral Forceps	53286	Straight,semicircle tips,70mm in total length
14	Iris Forceps	53004	Bend 1*2 teeth,70mm in total length
15	Coaxial I/A Cannula	56191A (including 56199)	Double curved tubes Φ 0.7mm
16	Tying Forceps	53322A	Curved,platform 4.5mm in length,105mm in total length
17	Tying Forceps	53320A	Straight,platform 4.5mm in length,105mm in total length
18	Capsulotomy Forceps	53274	Oblong spoon tips,curett 1.4mm*2.4mm,70mm in total length
19	Fixation Forceps	53340	Straight,0.7mm in serrated tips distance,110mm in total length



- Including:**
- 1:Coaxial I/A Cannula
 - 2-4:Aspiration Needle
 - 5:Coaxial I/A Cannula
 - 6:Coaxial I/A Cannula
 - 7:Blade Holder
 - 8:Lens Spoon
 - 9:Lens Loop
 - 10:Iris Spatula
 - 11-12:IOL Fixation Hook
 - 13-14:Vannas Scissors
 - 15:Micro-needle Holder
 - 16:Tying Forceps
 - 17:Corneal Scissors
 - 18:Suturing Forceps
 - 19:Cataract Scissors Membrance
 - 20:Tying Forceps

No.	Name	Model	Specifications
1	Coaxial I/A Cannula	56190	Straight tip,triple joint,0.6mm
2	Aspiration Needle	56146	Angled Φ 0.4mm tip,15degree,27mm in total length
3	Aspiration Needle	56144	Straight Φ 0.4mm tip, 27mm in total length
4	Aspiration Needle	56148	Straight Φ 0.7mm tip,15degree,27mm in total length
5	Coaxial I/A Cannula	56191A	Double curved tubes, Φ 0.7mm
6	Eye Speculum	51288A	Wire speculum,stainless 15mm in blade length,50mm in total length
7	Blade Holder	56202B	With spring,120mm in total length
8	Lens Spoon	52574	8*2.5mm in spoon length,130mm in total length
9	Lens Loop	52488A	Tip 4mm(width)*6mm(length)curved loop,120mm in total length
10	Iris Spatula	52404A	Curved,11mm in tip length,120mm in total length
11	IOL Fixation Hook	51474A	Angled Φ 0.2mm,110mm in total length
12	IOL Fixation Hook	51478A	0.2mm cylindrical tip,angled 15degree,110mm in total length
13	Vannas Scissors	54138B	Straight,6.5mm in blade length,90mm in total length
14	Vannas Scissors	54140B	Curved,6.5mm in blade length,84mm in total length
15	Micro-needle Holder	55152B	Curved,110mm in total length
16	Tying Forceps	53320A	Straight,platform 4.5mm in length,105mm in total length
17	Corneal Scissors	54109B	Slightly curved,14mm in blade length,120mm in total length
18	Suturing Forceps	53325A	Straight,platform 4.5mm in length,1*2 teeth of 0.15mm,105 mm in total length
19	Cataract Scissors Membrance	54264B	Straight tips,10mm in blade length,117mm in total length
20	Tying Forceps	53324A	Short angled,platform 4.5mm in length,114mm in total length

SZY-CBM21 Ophthalmic Operation Instrument Set

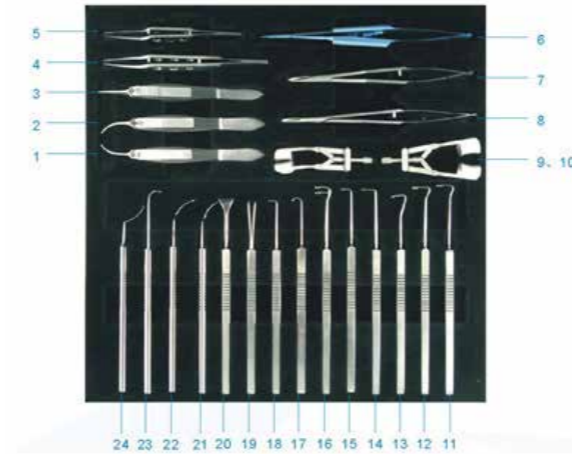


Including:

- 1:Fixation Forceps
- 2-3:Capsulotomy Forceps
- 4:Tying Forceps
- 5:Tying Forceps
- 6-7:Iris Forceps
- 8:Corneal Scleral Forceps
- 9-10:Eye Speculum
- 11:Lens Loop
- 12:Strabismus Hook
- 13:Blade Holder
- 14:Iris Spatula
- 15-16:Micro-needle Holder
- 17:Corneal Scissors
- 18:Iris Scissors
- 19:Ophthalmic Scissors
- 20:Vannas Forceps
- 21:Corneal Scissors

No.	Name	Model	Specifications
1	Fixation Forceps	53340	Straight,0.7mm in serrated tips distance,110mm in total length
2	Capsulotomy Forceps	53274	Oblong spoon tips,70mm in total length
3	Capsulotomy Forceps	53274	Oblong spoon tips,70mm in total length
4	Tying Forceps	53323A	Long angled,platform 4.5mm in length,105mm in total length
5	Tying Forceps	53320A	Straight,platform 4.5mm in length,105mm in total length
6	Iris Forceps	53042	Curved,1*2 teeth,60mm in total length
7	Iris Forceps	53004	Bend,1*2 teeth,70mm in total length
8	Corneal Scleral Forceps	53286	Straight,semicircle,70mm in total length
9	Eye Speculum	51286A	Open blades,stainless 14mm in blade length,75mm in total length
10	Eye Speculum	51262	Wire speculum,stainless 14mm in blade length,50mm in total length
11	Lens Loop	52500	Curved,tip 4.5mm(width)*15mm(length),140mm in total length
12	Strabismus Hook	52454	Blunt,curved tip,12mm in head width,135mm in total length
13	Blade Holder	56202B	With spring,120mm in total length
14	Iris Spatula	52391	Curved,1.7mm in tip width,130mm in total length
15	Micro-needle Holder	55152A/B	Curved,110 mm in total length
16	Micro-needle Holder	55115	Straight,130mm in total length
17	Corneal Scissors	54100	Straight,1*2teeth,100mm in total length
18	Iris Scissors	54060	Two sharp tips,90mm in total length
19	Ophthalmic Scissors	54006	Straight blunt tips,100mm in total length
20	Vannas Forceps	54136B	Straight,6.5mm in blade length,84mm in total length
21	Corneal Scissors	54100	Curved,R4.5mm

SYX24 Strabismus Surgical Instruments set



ITEM	NAME	MODEL	Specifications
1	Strabismus Forcep	53801A	Right curved platform1*2 teeth of 0.25mm
2	Strabismus Forcep	53800A	Left curved platform 1*2 teeth of 0.25mm
3	Strabismus Forcep	53802A	Straight platform 1*2 teeth of 0.25mm
4	Tying Forcep	53320A	Straight platform,4.5 mm in length 105mm in total length
5	Strabismus forcep	53583	Straight platform 1*2 teeth of 0.35mm
6	Micro needle holder	55159T	Curved with lock 140mm in total length
7	Cunjunctival scissor	54095A	Curved 17mm, in blade length 115mm in total length
8	Micro corneal scissor	54108B	Curved round tip , 12mm in blade length 120mm in total length
9	Eye speculum	51280	Solid blades, 6mm in board width ,14mm blades in length, 64mm in total length
10	Eye speculum	51280A	Solid blades 8mm in board width 14mm blades in length,64mm in total length
11	Strabismus hook	52440	Curved round tip , 1.6mm in tip width
12	Strabismus hook	52439A	Curved round tip , 1.8mm in tip width
13	Strabismus hook	52457A	Tridimensional hook, elliptical head 0.7mm
14	Strabismus hook	52452A	Curved round tip, 1.3mm in tip width
15	Strabismus hook	52451A	Curved round tip , 1.2mm in tip width
16	Strabismus hook	52459A	F head , 1.5mm in tip width
17	Strabismus hook	52456A	Dull tip , 2.5mm in tip width
18	Strabismus hook	52455A	Curved round tip , - Φ0.6mm
19	Strabismus hook	52460A	Double head - Φ0.8mm
20	Eyelid hook	51452A	10mm in tip width
21	Strabismus hook	52462	7.3mm in tip width
22	Strabismus hook	52462A	9.2mm in tip width
23	Strabismus hook	52463	6mm in tip width
24	Strabismus hook	52458A	Head with dial,1.75mm in tip width

FR8900/KR-8900 Auto Refractometer



FR8900 without keratometer function.
 KR8900, with keratometer function, others same.

1. Combine measurement to diopter and corneal curvature
2. The precedent optical technique,consistent measurement and accurate figure.
3. The most advanced technique of a graph edition,make the graph measured quickly and clear.
4. Humanized focusing design to make grasp focus more quickly.

KR-8900 AUTO KER/REFRACTOR

Measurement mode	K/R	Measure diopter and corneal curvature
	REF	Measure diopter
	KER	Measure corneal curvature
Diopter measurement	Vertical distance	0mm , 12.0mm , 13.75mm
	Sphere	-25.00 ~ +22.00D(0.12/0.25Dsteps) (VD=12mm)
	Cylinder	-8.00D ~ +8.00D(0.12/0.25D steps)
	Axis	1° ~ 180°(steps 1°)
	Pupil distance	45 ~ 85mm(accuracy 0.5mm)
	Minimum pupil diameter	Φ2.0mm
Corneal measurement	Charter	Auto fogging method
	Corneal curvature radius	5 ~ 10mm(0.01mm steps)
	Corneal diopter	33.00 ~ 67.00D(0.12/0.25D steps)
	Corneal Astigmatism	0.00 ~ -15.00D(0.12/0.25D steps)
	Axis	1° ~ 180°(steps 1°)
	Corneal diameter	2.0 ~ 12.00mm
Product specification	Data output	Rs-232 interface , Video output
	Display	5.7”TFT color LCD screen
	Printer	Import thermal printer
	Energy save	Auto monitor energy save ,no operation for 5 minutes
	Power supply	AC100 ~ 240V,50/60HZ
Dimension/Weight	275(W)*475(D)*435-465(H)mm/18kg	

FA6500K /FA6500 Auto Refractometer



FA6500 without keratometer
 FA6500K,with keratometer function , others same .

Feature :

- 7” color and touch screen, more easy operate.
- Tilt screen .
- Motorized chinrest.
- With keratometer , auto tracking function.

Specifications

Sphere	-20~+20D(VD=12)0.125D step
Cylinder	-8~+8D,0.125D Step
Axis	0~180°1°step
PD	45~88mm, 1mm step
VD	0mm, 12mm, 13.75mm
Min.Pupil Size	2mm
Radius of curvature	5.0~10mm(increment:0.01mm)
Corneal Power	33.75-67.50D (when corner equivalent refractive index is 1.337) (increment selectable from 0.12, 0.25D)
Corneal astigmatism	0~8D(increment selectable from 0.12, 0.25D)
Axis	1~180°(increment:1°)
Corneal diameter	2.0~14 mm(increment:0.1mm)
Memory of data	10 measure vature for each right and left eye
Chart	Follow up colorful fogging chart system
display	7” TFT LCD
print	Thermal printer
Power supply	220V/110V, 50/60Hz
Dimension	478*268*472mm
Weight	-20kg(44lb)

KR9600 /RM9600 Auto Refractometer



KR9600 With keratometer .

RM9600 Without keratometer , others same

This model can connect to the, CV7200 ,CV7600 Auto phoropter, RS1000/1001/1500/1501 Auto chart projector.TL6500 TL6800 Auto lensmeter, , CM1800 ,CM1900C LCD vision chart .

Feature

- 1.7" tiltable color and touch screen.with keratometer function
- 2.auto detachment printer
- 3.auto tracking on Y Axis
- 4.motorized chinrest
- 5.Motorized joystick
6. One key lock
- 7.IOL function, can measure the eye whose eye with cataract or other eye surgical before.

FA6800K / FA6800 Auto Refractometer



FA6800K, with keratometer

FA6800 without keratometer , others same.

Feature

- Color and Touch screen , more easy operate.
- Motorized chinrest.
- With keratometer , auto tracking function.

Specifications

Measurement mode	K/R mode	Refractive and Keratometer measurement.
	REF mode	Refractive measurement
Refractive measurement	KEF mode	Corneal curvature measurement
	Vertex Distance	0.0,12.0,13.75,15.0 mm
	Sphere	-25.00~+22.00D
	Cylinder	(0.12/0.25D step)(VD=12mm)
		0.00~±10.00D (0.12/0.25D step)
	Axis	1°~180°(1° step)
Corneal curvature measurement	Pupil Distance	10~85 mm
	Min. pupil diameter measurable	2.0mm
	Target	Automatic fogging target
	Radius of curvature	5~10mm(0.01mmstep)
	Corneal Refraction	33.75~67.50D(0.12/0.25Dstep)
	Corneal Astigmatism	0.00~-15.00D(0.12/0.25Dstep)
	Angle of corneal	1°~180°(1°step)
Hardware specification	Corneal diameter	2.0~12.00mm
	Monitor	7 inch Color touch LCD
	Printer	Auto detachment printer
	Power saving function	OFF, 5, 15 mins (selectable)
	Date output	RS232/Bluetooth
	Power supply	AC110~220 V,50/60HZ
	Dimensions/weight	288(W)*500(D)*480(H)mm/14kg

Technical Data

Sphere	-20~+20D(VD=12)0.125D step
Cylinder	-8~+8D,0.125D Step
Axis	0~180°1°step
PD	45~88mm, 1mm step
VD	0mm, 12mm, 13.75mm
Min.Pupil Size	2mm
Radius of curvature	5.0~10mm(increment:0.01mm)
Corneal Power	33.75-67.50D (when corner equivalent refractive index is 1.337)
Corneal astigmatism	(increment selectable from 0.12, 0.25D)
Axis	0~8D(increment selectable from 0.12, 0.25D)
Corneal diameter	1~180°(increment:1°)
Memory of data	2.0~14 mm(increment:0.1mm)
Chart	10 measure vature for each right and left eye
display	Follow up colorful fogging chart system
print	7" TFT LCD
Power supply	Thermal printer
Dimension	220V/110V, 50/60Hz
Weight	478*268*472mm
	-20kg(44lb)

ARK800/ AR800 Auto Refractometer



ARK800 With Keratometer
AR800 without keratometer

Feature

- Color LCD display, 5.7 inches man-machine interface is more comfortable
- PD Automatic measurement function, automatically PD value
- One key lock function, quickly locking mobile platforms

Technical Data		
Measurement mode	K/R mode	Refractive and Keratometer measurement.
	REF mode	Refractive measurement
Refractive measurement	KEF mode	Corneal curvature measurement
	Vertex Distance	0.0,12.0,13.75,15.0 mm
	Sphere	-20.00~+20.00D
	Cylinder	(0.12/0.25D step)(VD=12mm) 0.00~±8.00D (0.12/0.25D step)
	Axis	1°~180°(1° step)
	Pupil Distance	45~88 mm
	Min. pupil diameter measurable	2.0mm
Corneal curvature measurement	Target	Automatic fogging target
	Radius of curvature	5~10mm(0.01mmstep)
	Corneal Refraction	33.00~67.00D(0.12/0.25Dstep)
	Corneal Astigmatism	0.00~8.00D(0.12/0.25Dstep)
	Angle of corneal	1°~180°(1°step)
	Corneal diameter	2.0~14.00mm
Hardware specification	Monitor	5.7 inch Color LCD
	Printer	Fast thermal printer
	Power saving function	OFF, 5, 15 mins (selectable)
	Power supply	AC110~220 V,50/60HZ
	Dimensions/weight	288(W)*500(D)*480(H)mm/14kg

FA6100K/ FA6100A Auto Refractometer



FA6100K, with keratometer
FA6100A without keratometer function

Feature

- Japan's mature optical path system, humanized automatic mist measurement process, to reduce the error caused by adjustment, more precise measurements
- Color LCD display, 5.7 inches man-machine interface is more comfortable
- PD Automatic measurement function, automatically PD value
- One key lock function, quickly locking mobile platforms

Specifications		
Measurement mode	K/R mode	Refractive and Keratometer measurement.
	REF mode	Refractive measurement
Refractive measurement	KEF mode	Corneal curvature measurement
	Vertex Distance	0.0,12.0,13.75,15.0 mm
	Sphere	-20.00~+20.00D
	Cylinder	(0.12/0.25D step)(VD=12mm) 0.00~±8.00D (0.12/0.25D step)
	Axis	1°~180°(1° step)
	Pupil Distance	45~88 mm
	Min. pupil diameter measurable	2.0mm
Corneal curvature measurement	Target	Automatic fogging target
	Radius of curvature	5~10mm(0.01mmstep)
	Corneal Refraction	33.00~67.00D(0.12/0.25Dstep)
	Corneal Astigmatism	0.00~8.00D(0.12/0.25Dstep)
	Angle of corneal	1°~180°(1°step)
	Corneal diameter	2.0~14.00mm
Hardware specification	Monitor	5.7 inch Color LCD
	Printer	Fast thermal printer
	Power saving function	OFF, 5, 15 mins (selectable)
	Power supply	AC110~220 V,50/60HZ
	Dimensions/weight	288(W)*500(D)*480(H)mm/14kg

KR-9000 /RM9000 Auto refractometer



KR9000 with keratometer
RM9000 without keratometer function .

Feature

- 5.7"LCD color display
- New compact design
- Japan's mature optical path system, humanized automatic mist measurement process, to reduce the error caused by adjustment, more precise measurements
- Color LCD display, 5.7 inches man-machine interface is more comfortable
- PD Automatic measurement function, automatically PD value
- One key lock function, quickly locking mobile platforms
- With corneal curvature and dioptre measurement function(KR-9000)
- Data transmission with CV7200 /CV7600 Auto phoropter, improved efficiency of online
- With corneal curvature and dioptre measurement function(KR-9000)

Specifications		
Measurement mode	K/R mode	Refractive and Keratometer measurement.
	REF mode	Refractive measurement
	KEF mode	Corneal curvature measurement
Refractive measurement	Vertex Distance	0.0,12.0,13.75,15.0 mm
	Sphere	-20.00~+20.00D
	Cylinder	(0.12/0.25D step)(VD=12mm) 0.00~±10.00D (0.12/0.25D step)
	Axis	1°~180°(1° step)
	Pupil Distance	30~85 mm
	Min. pupil diameter measurable	2.0mm
Corneal curvature measurement	Target	Automatic fogging target
	Radius of curvature	5~10mm(0.01mmstep)
	Corneal Refraction	33.00~67.00D(0.12/0.25Dstep)
	Corneal Astigmatism	0.00~-15.00D(0.12/0.25Dstep)
	Angle of corneal	1°~180°(1°step)
	Corneal diameter	2.0~12.00mm
Hardware specification	Monitor	5.7 inch Color LCD
	Printer	Fast thermal printer
	Power saving function	OFF, 5, 15 mins (selectable)
	Power supply	AC110~220 V,50/60HZ
	Dimensions/weight	288(W)*500(D)*480(H)mm/14kg

KR9200 /RM9200 Auto refractometer

KR9200 with keratometer function
RM9200 without keratometer function

Feature

- Style more fashion,operate more intelligentize.
- Auto tracking optical system .Use the ARM processor and the latest domestic image processing, the system is fast and the image is clear.
- Japan' s mature optical path system, , humanized automatic mist measurement process , to reduce the error caused by adjustment, more precise measurements.
- Light rack with integral casting , CNC machining, measuring system, is more stable , good consistency.
- 5.7" tiltable color LCD for user friendly operability.
- PD Automatic measurement function, automatically PD value.
- One key lock function, quickly locking mobile platforms.
- Motorized chinrest.Auto detachment printer.Can connect to CV7200 CV7600 Auto phoropter



Specifications		
Measurement mode	K/R mode	Refractive and Keratometer measurement.
	REF mode	Refractive measurement
	KEF mode	Corneal curvature measurement
Refractive measurement	Vertex Distance	0.0,12.0,13.75,15.0 mm
	Sphere	-20.00~+20.00D
	Cylinder	(0.12/0.25D step)(VD=12mm) 0.00~±10.00D (0.12/0.25D step)
	Axis	1°~180°(1° step)
	Pupil Distance	30~85 mm
	Min. pupil diameter measurable	2.0mm
Corneal curvature measurement	Target	Automatic fogging target
	Radius of curvature	5~10mm(0.01mmstep)
	Corneal Refraction	33.00~67.00D(0.12/0.25Dstep)
	Corneal Astigmatism	0.00~-15.00D(0.12/0.25Dstep)
	Angle of corneal	1°~180°(1°step)
	Corneal diameter	2.0~12.00mm
Hardware specification	Monitor	5.7 inch Color LCD
	Printer	Fast thermal printer
	Power saving function	OFF, 5, 15 mins (selectable)
	Power supply	AC110~220 V,50/60HZ
	Dimensions/weight	288(W)*500(D)*480(H)mm/14kg

With RS232 Connector

ARK810 /AR810A Auto Refractometer



ARK810 with keratometer
AR810A without keratometer function

Feature

- 5.7" tilt color screen
- Auto tracking
- Motorized chinrest
- One key lock .
- Auto cut paper
- IOL Measurement IOL--, IOL-, normal, IOL+, IOL++
- It can be used to measure IOL patients. Usually, default parameters are suitable for the measurements of most patients; but modified parameters should be used in special cases. (This parameter will be lost after power off, and return to default after restart)

Technical Data		
Measurement mode	K/R mode	Refractive and Keratometer measurement.
	REF mode	Refractive measurement
	KEF mode	Corneal curvature measurement
Refractive measurement	Vertex Distance	0.0,12.0,13.75,15.0 mm
	Sphere	-20.00~+20.00D
	Cylinder	(0.12/0.25D step)(VD=12mm) 0.00~±10.00D (0.12/0.25D step)
	Axis	1°~180°(1° step)
	Pupil Distance	30~85 mm
	Min. pupil diameter measurable	2.0mm
	Target	Automatic fogging target
IOL Measurement	IOL--, IOL-, normal, IOL+, IOL++	
Corneal curvature measurement	Radius of curvature	5~10mm(0.01mmstep)
	Corneal Refraction	33.00~67.00D(0.12/0.25Dstep)
	Corneal Astigmatism	0.00~-15.00D(0.12/0.25Dstep)
	Angle of corneal	1°~180°(1°step)
	Corneal diameter	2.0~12.00mm
Hardware specification	Monitor	5.7 inch Color LCD
	Printer	Fast thermal printer
	Power saving function	OFF, 5, 15 mins (selectable)
	Power supply	AC110~220 V,50/60HZ
	Dimensions/weight	288(W)*500(D)*480(H)mm/14kg

ARK830 /AR830A Auto Refractometer



ARK830 with keratometer
AR830A without keratometer function

Feature

- 7" Tiltable color and touch screen
- Auto tracking
- Motorized chinrest
- One key lock .
- Auto cut paper
- IOL Measurement IOL--, IOL-, normal, IOL+, IOL++

Technical Data		
Measurement mode	K/R mode	Refractive and Keratometer measurement.
	REF mode	Refractive measurement
	KEF mode	Corneal curvature measurement
Refractive measurement	Vertex Distance	0.0,12.0,13.75,15.0 mm
	Sphere	-20.00~+20.00D
	Cylinder	(0.12/0.25D step)(VD=12mm) 0.00~±10.00D (0.12/0.25D step)
	Axis	1°~180°(1° step)
	Pupil Distance	30~85 mm
	Min. pupil diameter measurable	2.0mm
	Target	Automatic fogging target
IOL Measurement	IOL--, IOL-, normal, IOL+, IOL++	
Corneal curvature measurement	Radius of curvature	5~10mm(0.01mmstep)
	Corneal Refraction	33.00~67.00D(0.12/0.25Dstep)
	Corneal Astigmatism	0.00~-15.00D(0.12/0.25Dstep)
	Angle of corneal	1°~180°(1°step)
	Corneal diameter	2.0~12.00mm
Hardware specification	Monitor	7" color and touch screen
	Printer	Fast thermal printer
	Power saving function	OFF, 5, 15 mins (selectable)
	Power supply	AC110~220 V,50/60HZ
	Dimensions/weight	288(W)*500(D)*480(H)mm/14kg

ARK900 Auto Ref/keratometer



Color and touch screen, with keratometer function
Can connect to CV8600 Auto phoropter

Technical Data		
Measurement mode	K/R mode	Refractive and Keratometer measurement.
	REF mode	Refractive measurement
Refractive measurement	KEF mode	Corneal curvature measurement
	Vertex Distance	0.0,12.0,13.75,15.0 mm
	Sphere	-20.00~+20.00D
	Cylinder	(0.12/0.25D step)(VD=12mm) 0.00~±10.00D (0.12/0.25D step)
Corneal curvature measurement	Axis	1°~180°(1° step)
	Pupil Distance	30~85 mm
	Min. pupil diameter measurable	2.0mm
	Target	Automatic fogging target
Hardware specification	Radius of curvature	5~10mm(0.01mmstep)
	Corneal Refraction	33.00~67.00D(0.12/0.25Dstep)
	Corneal Astigmatism	0.00~-15.00D(0.12/0.25Dstep)
	Angle of corneal	1°~180°(1°step)
	Corneal diameter	2.0~12.00mm
Hardware specification	Monitor	5.7 inch Color LCD
	Printer	Fast thermal printer
	Power saving function	OFF, 5, 15 mins (selectable)
	Power supply	AC110~220 V,50/60HZ
Dimensions/weight	288(W)*500(D)*480(H)mm/14kg	

FA6000A Auto Refractometer



FA6000A

Color LCD screen
Easy to use, convenient to measure
More broad measurement range of Min
Pupil size to suit the people all over the world

FA6000A - Technical Data

Measuring Range	Sphere	-20~+20D(VD=12)0.125Dsteps
	Cylinder	-8~+8D 0.12D/0.25D steps
	axis	0~180°, 1°steps
Pupil Distance	45~85mm, 1mm steps	
Vertex Distance	0mm, 12mm, 13.75mm	
Min. Pupil Size	Ø2.0mm	
Chart	Auto fog	
Display	5.6" color LCD	
Print	Thermal Printer	
Power Supply	100 ~ 120v/200 ~ 240v, 50/60Hz	
Dimensions	484(L)×282(W)×440(H)mm ³	
Weight	~20kg(44 lb)	

V815/V815K Auto Refractometer

Measurement mode	K/R mode	Refractive and Keratometer measurement.
	REF mode	Refractive measurement
	KEF mode	Corneal curvature measurement
	Vertex Distance	0.0,12.0,13.75,15.0 mm
Refractive measurement	Sphere	-20.00~+20.00D
	Cylinder	(0.12/0.25D step)(VD=12mm)
	Axis	0.00~±8.00D (0.12/0.25D step)
	Pupil Distance	1°~180°(1° step)
Corneal curvature measurement	Min. pupil diameter measurable	45~88 mm
	Target	2.0mm
	Radius of curvature	Automatic fogging target
	Corneal Refraction	5~10mm(0.01mmstep)
Hardware specification	Corneal Astigmatism	33.00~67.00D(0.12/0.25Dstep)
	Angle of corneal	0.00~8.00D(0.12/0.25Dstep)
	Corneal diameter	1°~180°(1°step)
	Monitor	2.0~14.00mm
	Printer	5.7 inch Color LCD
Power saving function	Fast thermal printer	
Power supply	OFF, 5, 15 mins (selectable)	
Dimensions/weight	AC110~220 V,50/60HZ 288(W)*500(D)*480(H)mm/14kg	



V815K With Keratometer function.

V815 Without keratometer function.

HAR-900 Portable auto Refractor

HAR-900 is a portable vision screening instrument used in all age groups. The working principle of the ray through the eye refraction refractive system focusing on the sensor, the signal processing through the eyes of the spherical, cylindrical diopter and axial refractive data.

1. One key operation for test result
2. One measurement detect multiple eye problems, including myopia, hyperopia, astigmatism, and anisometropia.
3. Accurate results in less than 5 seconds.
4. Intelligent flashing light and sound guidance requires minimum patients' cooperation. It is especially suitable for young children.
5. It can be widely used in vision screening for children, adults, and seniors, even patients wearing glasses or contact lenses.
6. The advanced design concept combines ergonomics and aesthetic. Easy and comfortable operation is achieved with a retractable hand strap.



Basic data	
Sphere range	Myopia Mode: -9.00D ~ +2.50D(Interval:0.25D) Normal Mode: -6.00D ~ +8.00D(Interval:0.25D)
Sphere tolerance	±0.50D or ±20%(whichever is greater)
Cylinder range	-3.00D ~ 0.00D(Interval:0.25D)
Cylinder tolerance	±0.50D or ±20%(whichever is greater)
Axis	1°~ 180°(Interval:1°)
Axis tolerance	±5°
Working distance	Myopia Mode: 28cm Normal Mode /Infant mode: 35cm

HAR-800/HAR-880 Portable Auto refractometer



Features	
Non-contact and non-invasive	The light power is safe for eyes, the working distance of the instrument is 35cm (14inches)
Low cooperation need	It do not need too much cooperation of children, it is suitable for infants and disabled individuals.
Automatic operation by one key	Complete the automatic diction of two eyes, just need one key operation .A speedy and intelligent design.
Easy to carry	Small and lightweight body and printer , easy to carry . It is suitable for outdoor screening.
Accurate result	The advanced optical detection principle provides an accurate result:including myopia , hyperopia, astigmatism, axial and anisometropia.
Comprehensive detection modes	In fant mode is specially designed for the babies' refraction characteristic. Myopia mode is specially designed for common myopia people and high myopia people (HAR-880 only). Adult mode is suitable for all adults.
Dual mode distance hint	Through ultrasonic measurement of distance , it adopts sound and visual color light prompt the distance.
High performance battery	Short charging time and can use for a long time
Large storage capacity	420 data storage
Ultrasonic distance measurement	Automatic monitoring the detection distance through audible and visual hint
Aiming	The cross-shape is luminous and easy for aiming
Printer	Thermal printer by infrared connection
Weight	0.9KG

Note:All configuration may change without notice.

	MODEL: HAR-800	MODEL: HAR-880
WORKING DISTANCE	Adult/enfant mode: 335 ± 10mm	Adult/enfant mode: 335± 10mm, myopia mode: 268±10mm
DISTANCE DETECTION	Automatic, with audible and visual cues	Automatic, with audible and visual cues
DATA ACQUISITION TIME	2s/eye	2s/eye
RELIABILITY MEASURE	Indicates number of and variation among measurements for the given eye	Indicates number of and variation among measurements for the given eye
BATTERY VOLTAGE	d.c.11.1V	d.c.11.1V
BATTERY LIFE	More than 6 hours of continuous usage	More than 6 hours of continuous usage
LOW-BATTERY WARNING:	Indicates 15 minutes usage remains	Indicates 15 minutes usage remains
WAVELENGTH	850 ± 20nm	850 ± 20nm
OUTPUT OF THE LASER RADIATION	150~200µW	150~200µW
DETECTION MODES	Adult Mode, enfant mode	Adult Mode, enfant mode, myopia mode
SPHERE RANGE	+8.0 to -6.0 Diopters	+9.0 to -8.0 Diopters
SPHERE TOLERANCE	± 0.5 Diopters	± 0.5 Diopters
CYLINDER RANGE	-3.00D to +3.00 Diopters	-3.00D to +3.00 Diopters
CYLINDER TOLERANCE	± 0.5 Diopters	± 0.5 Diopters
AXIS OF ASTIGMATISM RANGE	1° ~ 180°	1° ~ 180°
AXIS OF ASTIGMATISM TOLERANCE	0.25D~1.00D : ± 10° 1.25D~3.00D : ± 5°	0.25D~1.00D : ± 10° 1.25D~3.00D : ± 5°



SW-800 Child and Adult Ocular Screening

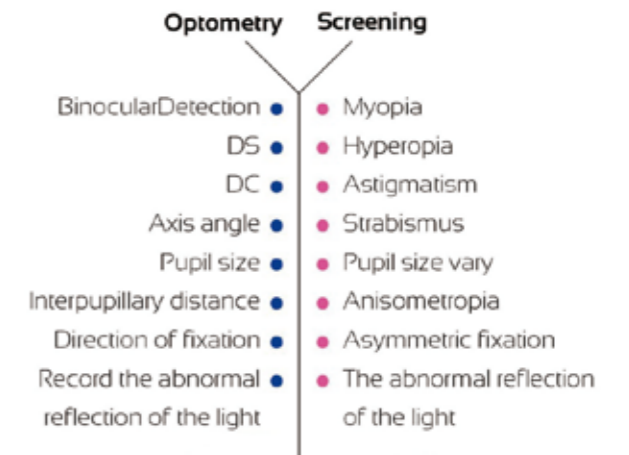
Feature:

This model binocular detection, sph -7.50D to +7.50D, CYL -3D to +3D, Axil range 1-180°. PD Range 35-80mm. working distance 1m.

Can measur newborns, and child and adult too.

Very fast measuring,only 1" .Measure age from 6month to 100years old .

When measure child , there is flash and the bird sound to attract children's attention,



Specification

Operation Mode: Bino/Mono

DS: Range:- 7.50D~+7.50D Resolution:0.25D/0.01D Accuracy:±0.50D

DC:Range: 0.00D to 3.00D, Resolution:0.25D/0.01D Accuracy: ±0.50D

Axis:Range: 1°~180° Resolution:1°Accuracy:±5°

Pupil size:Range: 4.0 mm~9.0 mm

Resolution: 0.1mm Accuracy:±0.1 mm

Pupil distance: Range: 35 mm~80 mm

Resolution: 1mm Accuracy:±1 mm

Gaze :0° ~ 20°

Measuring distance: 1 m ± 5 cm

Time per measurement: ~1s

Fixation target: Light flash, attractive sound

Data interface: Wi-Fi,USB

Printer interface:USB

Battery: Rechargeable lithium batteries, 6 hours of duration, Replaceable

Size:180mm×130 mm×110mm

Display: 5 inch touch screen

Weight:0.8Kg

Optional accessories:Camera tripods, printer, etc

JD2000 A/JD2000B Auto lensmeter



Color touch screen.screen angle adjustable
 JD2000A is with PD , with UV PD printer
 JD2000B is with PD without UV Printer.



Function

Adjustable LCD display screen

Tilt color touch screen provides you with clear view from any position such as sitting and standing.

You must touch the screen to finish your measurement the operation could be easier and more convenient.

Easy to use with recognizable icons.

JD2000 Series provide a user-friendly graphical interface for an immediate understanding.

A graph helps the operator to improve accuracy and speed in the measurement of near and far vision.

Automatic recognition of single and progressive lens.

Measure scope

sphere	0~±25D(0.01/0.12/0.25D steps)
Cylinder	0~±9.99D(0.01/0.12/0.25D steps)
Axis	0~180°(1°step)
Addition	0~±9.99D(0.01/0.12/0.25D Steps)
Prism	0~15(0.01/0.12/0.25Δ steps)

Measurement Mode

Measuring mode	Lens auto recognition Contact lens
Pupil distance	45~90mm,0.25mm steps
Cylinder	+,+/-,-
Prism	X-Y, P-B
Measuring speed	0.1 second
Lens diameter	∅20~108mm
Contact lens	Soft/hard lens
ABBE	30-60
Display	7" LCD/TFT
Print	Thermal Printer
Power Supply	100~240v 50/60Hz
Dimension	222*161*372mm
package	530*330*370mm
Weight	Approx 5KG

FL8600 Auto Lensmeter



Features

- 1.Accurately measuring the low-degree lens below +0.12D.
- 2.Measuring the colored lens with 10% transmittance.
- 3.Displaying the PH value in screen.
- Measuring the progressive lens accurately and quickly.
- 4.Optionally installing PD measuring instrument, UV measuring instrument and thermal printer.
- 5.User friendly interface with easy operation; fast measurement, high accuracy and good repetition.
6. With 7 language Chinese, English , German, Russian, Italian, Spanish, Portuguese

Main Technology Parameters

SPHERE	Spherical lens: -25.00D ~+25.00D (Reading increment step: 0.01D-0.06D-0.12D-0.25D)
Contact lens	Contact lens (spherical lens): -25.00D to+25.00D(BC=6.00~9.00) (Reading increment step: 0.01D-0.06D-0.12D-0.25D)
CYLINDER	Cylinder lens: -10.00D~ +10.00D (-, +/-, +) (Reading increment step: 0.01D-0.06D-0.12D-0.25D)
AXIS	0°-180°(1°STEPS)
ADD	0.00D-±10.00D (Add and Ad2) 0.00D-±10.00D (Add and Ad2)
PRISM	0.00△-15.00△ (reading increment step: 0.01Δ)
Prism measurement mode	Right angle coordinate(X-Y) : base in/out, base up/down Polar coordinate(P-B): Δ,θ
PD measuring range	Single eye PD: 20mm~39.5mm; Double eye PD: 40mm~85mm; Accuracy: 0.5mm
Diameter for sphere	∅20MM-∅100MM
Diameter for contact lens	∅5MM
UV	1% ~100% step: 1%、5%
Color LCD display	5.7inches TFT LCD Monitor/touch screen optional
Printer	Thermal Printer
DATD INTERFAGE	RS-232
Power supply	AC100(± 10%) -240(± 10%)V 50/60HZ 40VA
Max Power	40W
Dimensions	194mm×210mm×408mm
Weight	3.6 KG

JD2600A /JD2600B Auto lensmeter



JD2600B , 5.6"Color and touch screen, others same JD2600A ,7" color and touch screen. with UV ,PD, Printer. with aluminium case .

Feature:

- Adjustable LCD display screen
- Tilt color screen provides you with clear view from any position Such as sitting and standing
- Sensitive touch LCD display screen 7" LCD Touch screen
- Just touch the screen can finish your measurement
- Your operation could be easier and more convenient

This new generation auto lensmeter is based on Hartmann Sensor technology . Advanced simultaneous measurement of 108 points provides a faster measurement with greater accuracy and reliability.



Specifications:

- Sphere: Measuring range -25~+25D unit0.01/0.12/0.25D steps
- Cylinder: Measuring range -9.99~+9.99D unit0.01/0.12/0.25D steps
- Axis: Measuring range 0° ~180° Unit1° Steps
- Add: Measuring range 0~+9.99D unit0.01/0.12/0.25D
- Prism: Measuring range 0~15Δ Unit0.01/0.12/0.25Δ
- Cylinder : +,+/-,-
- Prism : X-Y, P-B
- Contact lens ,: Soft / hard
- Measuring mode: single , progressive , automatic recognition
- PD: Measuring range40~90mm unit0.5mm
- Diameter of lens: 20mm-108mm
- Print: Thermal printer
- Power supply: AC100~ 120(V)/200~ 240(V) 50/60Hz 50VA
- Dimensions: 220(W)*320(D)*430(H)mm M
- Weight: 7kg

FL800 Auto lensmeter



Features

- 1.Color and touch screen, LED green light
- 2.Accurately measuring the low-degree lens below +0.12D.
- 3.It can measure low power cylinder , better for measure the dark color sunglass lens
- 4.Measuring the colored lens with 10% transmittance.
- 5.Displaying the PH value in screen.
- Measuring the progressive lens accurately and quickly.
- 6.Optionally installing PD measuring instrument, UV measuring instrument and thermal printer.
- There are English, German, Italian,Portuguese,Spanish inside the machine.
- 7.User friendly interface with easy operation; fast measurement, high accuracy and good repetition.

Technical Data

SPHERE	-25.00D-+25. 00D
Contact lens	-25.00D-+25. 00D (BC=6.00-9.00)
CYLINDER	(0.01D/0.12D/0.25DSTEPS)
AXIS	0.00D-± 10.00D(-, MIX, +)
ADD	(0.01D/0.12D/0.25DSTEPS)
PRISM	0° -180° (1° STEPS)
PD measuring range	0.00D-± 10.00D (Add and Ad2)
Diameter for sphere	0.00D-± 10.00D (Add and Ad2)
Diameter for contact lens	0.00Δ -10.00Δ (horizontal, vertical)
UV	(0.01D/0.12D/0.25DSTEPS)
Color LCD display	80mm
Printer	Φ 20MM-Φ 100MM
DATD INTERFAGE	Φ 5MM
Power supply	> 100% (± 15.00D~± 25.00D, > 20%)
Dimensions	4.7inches TFT LCD Monitor
Weight	Thermal Printer
	RS-232
	AC100(± 10%) -240(± 10%)V 50/60HZ 40VA
	190(W) x 205(D)x418 (D)MM
	4.5 KG

JD2500 Auto lensmeter



Features:

- 7.0 inch color LCD touch panel
- Hartmann sensor with 108 multiple measure points
- Green measurement light beam
- Dyeing lens, sunglasses measured easily
- With uv pd printer

Specification:

	Measurement Range
Sph. Lenses	0~±25D
Cyl. Lenses	0~±10D
Cyl. Axis Angle	0~180°
Prism	0~10△
ADD	0~10D
Power Supply	AC 100~240V, 50/60HZ, 30W
Dimension	215(W)×252(D)×428(H)
Weight	5.0kg

TL6500 Auto lensmeter



Features:

- 7.0 inch color LCD touch panel
- Hartmann sensor with 108 multiple measure points
- Green measurement light beam
- Dyeing lens, sunglasses measured easily
- With uv pd printer

Specification:

	Measurement Range
Sph. Lenses	0~±25D
Cyl. Lenses	0~±10D
Cyl. Axis Angle	0~180°
Prism	0~10△
ADD	0~10D
Power Supply	AC 100~240V, 50/60HZ, 30W
Dimension	215(W)×252(D)×428(H)
Weight	5.0kg



TL6800 AUTO LENS METER



Features:

- 7.0 inch color LCD touch panel, with uv pd printer, green light, blue light.
- Hartmann sensor with 145 measure points, progressive lens recognition more easy and measurement more accurate.
- Green measurement light beam
- More advanced hardware, Cursor tracing more smoothly and faster. Measurement more faster.
- UV/Blue light measurement function
- Enable to measure the ultra-low transmittance lens ≥5%, available to measure the dark sunglasses tinted lens and polaroid
- Fashional design more compact
- LCD angle adjustable, which provides more easy observe and more comfortable operation
- Data transmission with CV7600 Auto phoroapter.

SPHERE	-25.00D~+25.00D(step:0.01/0.06/0.12/0.25D)
Contact lens	-25.00D~+25.00D (BC=6.00-9.00) (0.01D/0.12D/0.25DSTEPS)
CYLINDER	0.00D~±10.00D(-,MIX,+) (0.01D/0.12D/0.25DSTEPS)
AXIS	0°-180°(1°STEPS)
ADD	0.00D~±10.00D (Add and Ad2)(Step:0.01/0.06/0.12/0.25D) 0.00D~±10.00D (Add and Ad2)
PRISM	0.00Δ-20.00Δ (horizontal,vertical) X-Y,P-B (0.01/0.06/0.12/0.25DSTEPS)
PD measuring range	42-82mm,Single vision PD, prigrressive lens far vision PD
Wavelength/measuring point	525 nm(Green) /145 within nosepiece
Diameter for contact lens	Φ5MM
UV	>100% (±15.00D~±25.00D, >20%)
Display	7"color and touch screen (800*480)
Printer	Thermal Printer
DATD INTERFAGE	RS-232/LAN/USB
Power supply	AC100(±10%) -240(±10%)V 50/60HZ 40VA
Dimensions	203(W) x 233(D)x471(D)MM
Weight	4.5 KG



HV100 Auto lensmeter

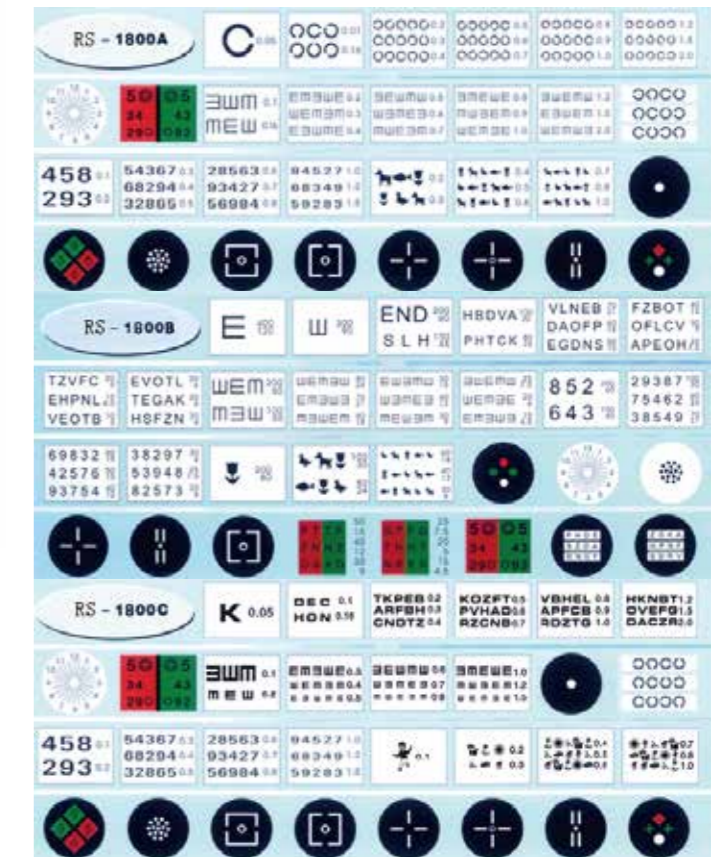


Features:

- 1.UV and Blue light measure (Transmittance and Barrier rate)
- 2.PD electronic ruler, PD , UV Printer
- 3..Bluetooth (Data transfer between auto lens meter and computer/mobile through blue-tooth.)
- 4.The Germany importing LED green light, can test all kinds of lens without considering ABBE compensation.
- 5.Advanced Hartman cluster measurement, to test the multifocal progressive lens easily and accuracy.
- 6.High speed CPU, can measure any kind of lens instantly,especially for small-scale lenses such as + -0.12 and + -0.25, which is the best in the domestic market.
- 7.Interface designed novelly..
- 8.Using a capacitive touch screen.
- 9.It has a USB port, and software can be upgraded online.
- 10.It has UV and blue light measurement.
- 11.Dark polarized sunglasses and colorful mirror can be accurately measured, can do measurement for the dark lens only 5% of light transmittance.

SPH	25.00 ~ +25.00D (Steps 0.01/0.12/0.25D)
Contact lens	-25.00 ~ +25.00D (BC=6.00 ~9.00) (Steps 0.01/0.12/0.25D)
Cylinder:	-10.00 ~ +10.00D (Steps 0.01/0.12/0.25D)
Axis:	0° ~ 180° (steps 1°)
Add:	-10.00 ~ +10.00D (Add, Ad2, Ad3) (Steps 0.01/0.12/0.25D)
Prism:	0.00~15.00Δ (steps 0.01Δ)
UV and Blue light measure (Transmittance and Barrier)	1%~100%
PD:	Single eye: PD:20mm ~ 39.5mm; Double eye: PD: 40mm ~ 85mm (steps 0.05mm)
Lens diameter:	Φ15mm ~ Φ100mm
Display:	5.7" colorful capacitive touch LCD screen
Dot method:	Ink pad
Printer:	High speed thermal printer
Digital connector	USB
Power supply:	AC (90V~240V); 50/60HZ
Max power:	30W
Weight:	3.43kgs
Dimensions:	192mm×208mm×416mm

RS-1800/1801 Auto Chart Projector



- 1, There are 3 groups of charts optional , check the pictures.1800A ,1800B, 1800C.
- 2,RS-1800 is Halogen Lamp, RS-1801 is LED light.

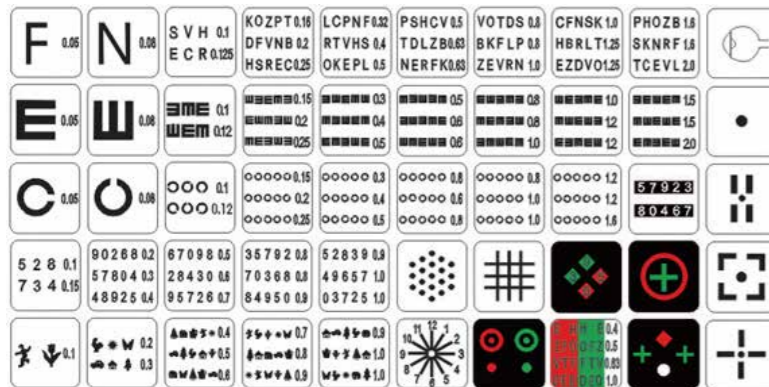
Technical Data

Projection distance:	1.5m ~ 6m
Projection magnification:	30 x (at 5m)
Projection size:	330mm(W) x270mm(H) (at 5m)
Chart:	30 different pattern
Speed of chart conversion:	One chart per 0.03s
Mask:	1 open, 5 horizontal lines,8 vertical lines, 21 single letters, 1 red/green
speed of mask conversion:	One mask per 0.03s
Program:	2 sets programs, each program contains up to 30 steps
Light source:	12V,50W Halogen Lamp
Auto-off function:	After 10 minutes idle time.
Power source:	AC 220V ,50Hz or 110V, 60Hz
Power consumption:	80W
Dimensions:	300mm(L) x 230mm(W) x 240mm(H)
Net weight:	6Kg
Accessories:	Remote control, Polarized metal screen, halogen lamp, polarized glasses, fuses(2), batteries(2)
Optional accessories:	Floor stand, wall stand

CP-400 Auto chart projector



Characteristics :



Features

- 1).50 charts and various masks
- 2).Landolt,Letter,Child,Snellen,50 kinds of charts ,and horizontal line,vertical line,one chart,various masks can be selected by the remote control box
- 3).Fast,silent chart disk rotation.It moves to the following chart in a maximum of 0.3 seconds.
- 4).User program mode :2kinds of programs can be selected 48 kinds (maximum) of chart and mask are memorizable.
- 5).LED LAMP.

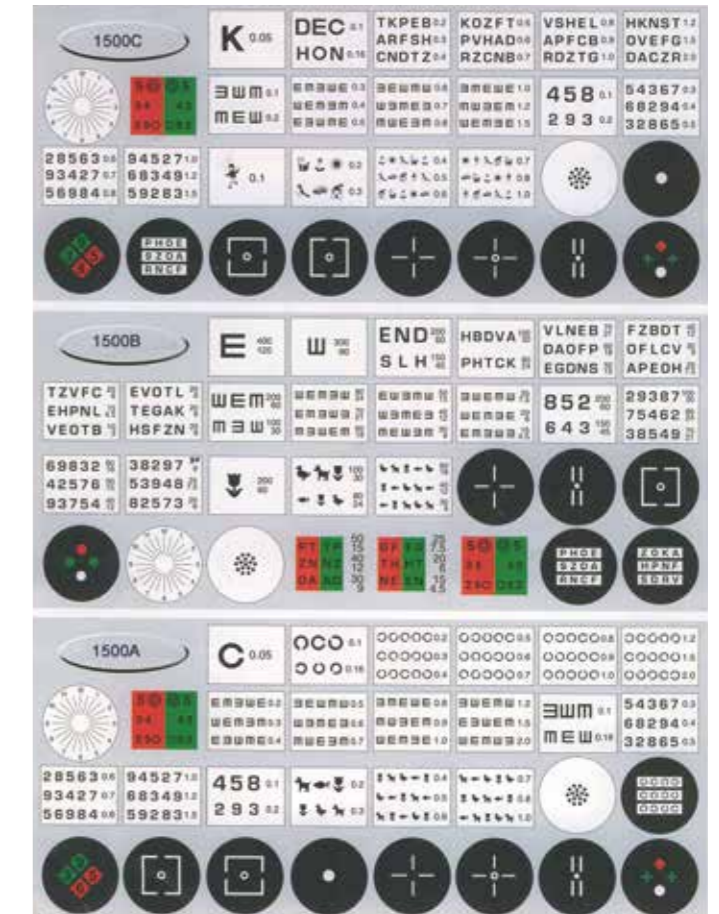
Technical Data

1. Projection Distance: 2.0 ~ 7.0m
 2. Projection magnification: 30 (when the projection distance of 5m)
 3. Projection size: 335mm X222mm (when the projection distance of 5m)
 4. Tilt angle: from the horizon up or down for each 10 degrees
 5. source: LED LAMP
 6. Dimensions: 248 (W) X336 (L) X 234 (H)
 7. Weight: 4kgs
 8. Power Supply 100-240V
 - 9.120VA 5 minutes after the power automatically turn off
- remote control board, SUM4 alkaline batteries 2, screen, test visual acuity drawings, dust cover, spare bulb, spare fuse

RS-1500 /1501Auto Chart Projector



RS1501 is LED lamp.
RS1500 is halogen lamp.
Can connect with CV7200Auto phoropter,
KR-9000/RM-9000/KR9200/RM-9200
/RM 9600/KR9600 Auto refractometer
there are 3groups charts optional,
check the pictures,1500A,1500B,1500C.

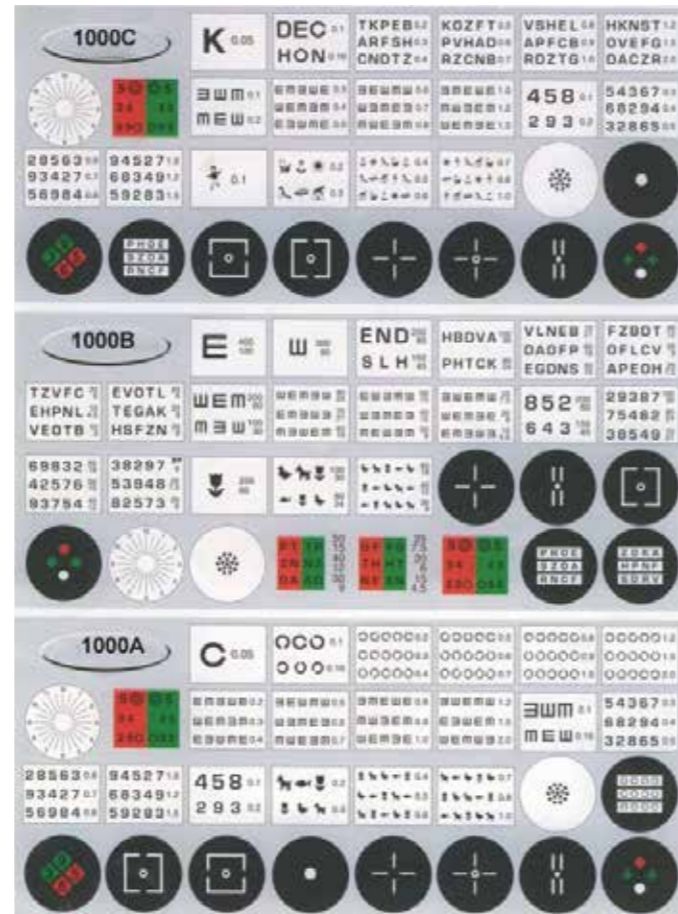


Technical Data

Projection distance	1.5m~ 6m
Projection magnification	30 x (at 5m)
Projection size	330mm(W) x270mm(H) (at 5m)
Chart	30 different pattern
Speed of chart conversion	One chart per 0.03s
Mask	1 open, 5 horizontal lines,8 vertical lines, 21 single letters, 1 red/green
speed of mask conversion	One mask per 0.03s
Program	2 sets programs, each program contains up to 30 steps
Light source	LED/Halogen lamp
Auto-off function	After 10 minutes idle time.
Power source	AC 220V ,50Hz or 110V, 60Hz
Power consumption	80W
Dimensions	300mm(L) x 230mm(W) x 240mm(H)
Net weight	6Kg
Accessories	Remote control, Polarized metal screen, halogen lamp, polarized glasses, fuses(2), batteries(2)
Optional accessories	Floor stand, wall stand

RS-1000/RS-1001 Auto chart projector

ACP-100 Chart projector



RS1001 is LED lamp.
 RS1000 is halogen lamp.
 Can connect with CV7200 Auto phoropter,
 KR-9000/RM-9000/KR9200/RM-9200 /RM
 9600/KR9600 Auto refractometer
 3groups charts optional , 1000A,1000B,1000C.



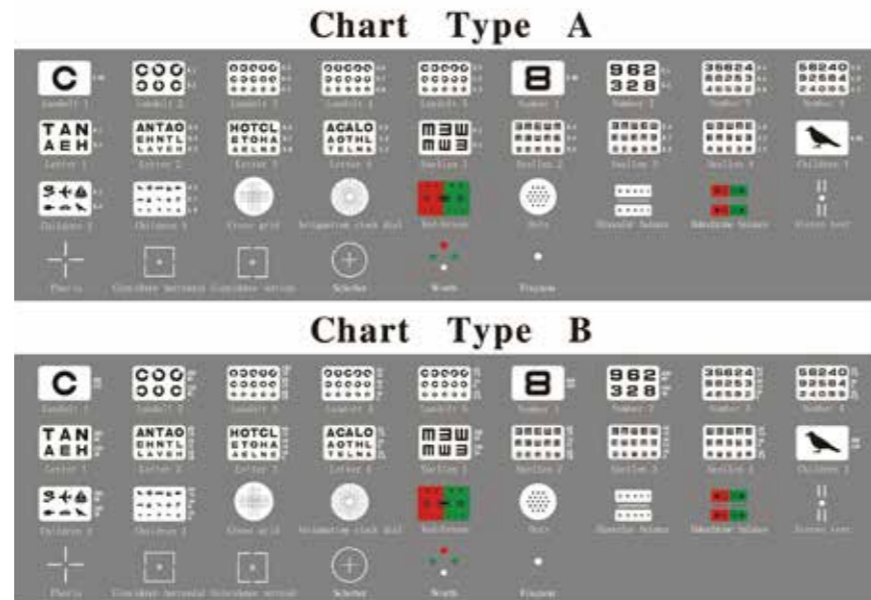
icon	31 Visual target
The use of distance	1.1M
icon Baffle	A single, horizontal, vertical
Filter function	Red and Green Filter
icon conversion speed	An average of 0.45 seconds
Light	12V ,35W(Halogen Light)
Power	Host: 110/220V 50/60Hz Remote Battery: 3.7V
Standby Time	icon: 3-10Min Remote Switch
size	Host: 400x280x560MM 20KG Remote: 70x248x18MM 0.22KG
Adjust the screen from top to bottom	400mm

Specifications

Projection distance	1.5m ~ 6m
Projection magnification	30 x (at 5m)
Projection size	330mm(W) x270mm(H) (at 5m)
Chart	30 different pattern
Speed of chart conversion	One chart per 0.03s
Mask	1 open, 5 horizontal lines,8 vertical lines, 21 single letters, 1 red/green
speed of mask conversion	One mask per 0.03s
Program	2 sets programs, each program contains up to 30 steps
Light source	12V,50W Halogen Lamp/LED lamp
Auto-off function	After 10 minutes idle time.
Power source	AC 220V ,50Hz or 110V, 60Hz
Power consumption	80W
Dimensions	300mm(L) x 230mm(W) x 240mm(H)
Net weight	6Kg
Accessories	Remote control, Polarized metal screen, halogen lamp, polarized glasses, fuses(2), batteries(2)
Optional accessories	Floor stand, wall stand

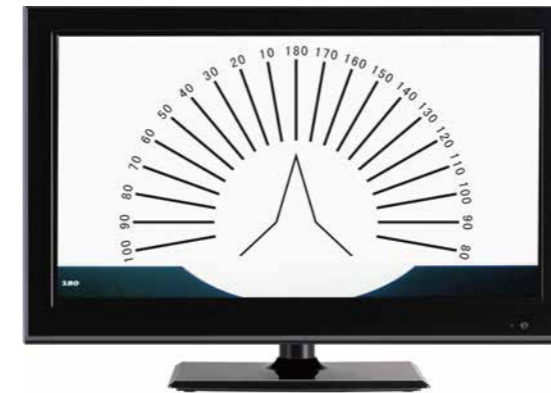
Black-box show Camera obscura show, saving work space, from the eye to the distance from the projector down to 1.1M	Grating function With grating function can be realized view single or in a separate display.	Filter function Filter function can be realized red / green display.	LCD Remote LCD Remote allows the operator to more easily share with customers.

ACP-68 Auto Chart Projector

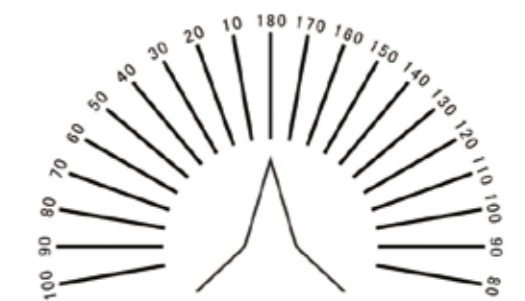


Projection distance	1.5m~ 6m
Projection magnification	30 x (at 5m)
Projection size	330mm(W) x270mm(H) (at 5m)
Chart	33 different pattern,60Pcs Masks.
Speed of chart conversion	One chart per 0.03s
Mask	1 open, 5 horizontal lines, 8 vertical lines, 21 single letters, 1 red/green
speed of mask conversion	One mask per 0.03s
Program	2 sets programs, each program contains up to 30 steps
Light source	LEDLamp/Halogen lamp
Auto-off function	After 10 minutes idle time.
Power source	AC 220V, 50Hz or 110V, 60Hz
Power consumption	80W
Dimensions	300mm(L) x 230mm(W) x 240mm(H)
Net weight	6Kg
Accessories	Remote control, Polarized metal screen, halogen lamp, polarized glasses, fuses(2), batteries(2)
Optional accessories	Floor stand, wall stand

CM-1900C LCD Visual tester with polarized function



CV7600 CV7200 Auto phoropter can connect together



Rotating Astigmatic Fan Chart
Fast and Accurate test for Cylinder and Axis

Features:

- 23-inch high contrast and bright display
- Smooth and quiet operation
- Wireless Remote control
- Wide range of test TYPES
- Precise distance adjustment
- Easy mounting
- Random test sequence

Specifications:

- Display :23"LCD(color)High resolution monitor
- Brightness :250 cd/m²
- Chart versions: E,C ABC, 123,Child, Special version chart
- Chart acuity :6/3-6/150 20/10-20/500 0.04-2.0
- Distance :2.0~7.0m
- Power supply:Input :AC110-220V AC+/-10%,50/60Hz
- Power consumption :≤36W
- Dimension :531mm(W)x 394mm(H)X121mm(D)
- Weight :3.8KG(Net weight)
- Remote :IR
- Batteries for remote control :3A

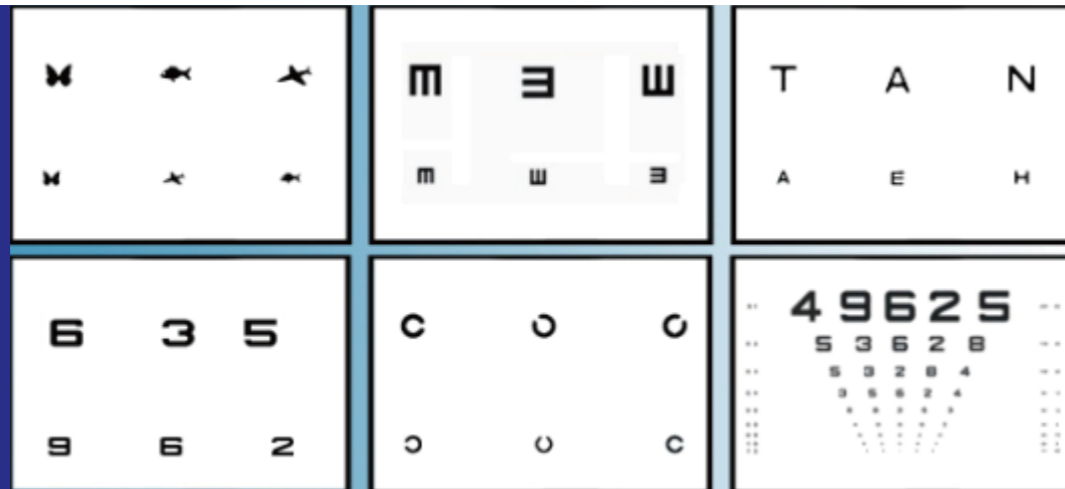


RS-236 LCD Visual tester



Technical Data

Panel:23.6"
 Pixel Pitch:0.2715mm
 Max contrast ratio:1000:1
 Max resolution:1920*1080
 Energy consumption:4.5W
 Net Weight:5.0kg
 Gross weight:7.2kg
 Dimension: With stand 190*415*554mm
 Without stand:50*340*554mm
 Working distance:2-7m(0.1m/step)



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Red & Green Deepness adjustment

Supports Smaller Rooms
 Working distance:2-6m (0.25m/step)

Color Blind ISHIHARA Test
 Dark

Polarizing Function
 Optical Polarization Glass Panel
 Polarizing test
 Double eye balance test

ETDRS

Mirror display function.

Placement
 1.Wall Mount
 2.On the table

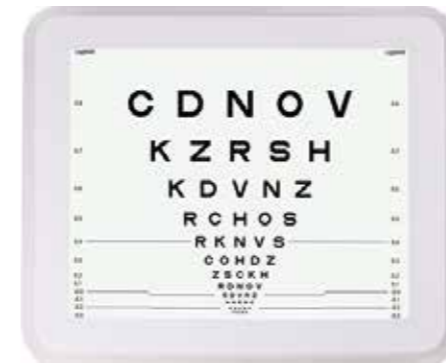
Special function

Mark AXIS

Dark room
 you can use the remote control in the dark room.

Light
 Dark

RS-901 LED Visual tester



Vision chart specification , LED Screen

LED size: 17 inch XGA Panel
 Working distance: 2-7m,Step 0.1m (80—260inch,Step 5inch)
 Remote Control: IR
 Battery of remote control: AAA
 LED brightness: ≥160cd/m2
 Vision icon: E,C,Alphabet,Figure,Children
 Testing function: Schober test Worth test
 Cross grid Coincidence test
 ETDRS Stereo test
 Astigmatism test Fixation point test
 Ishihara test Cross cylinder
 Red green panel Red green balance
 Contrast sensitivity
 Mask: Opposite color,Single icon mask,Horizontal mask,
 Vertical mask,Red/green mask.
 Unit: 5-Grade,Decimal,LogMAR,Snellen(ft),Snellen(M)
 Other functions: Mirror icon,Screen saver.

Power Supply

Input voltage: AC 100~240v
 Input frequency: 50Hz/60Hz
 Output power: 20VA(max)
 Output voltage: DC 12V
 Ambient conditions

Working

Temperature: +5°C ~ +40°C
 Relative humidity: ≤80%
 Air pressure: 800hPa~1060hPa

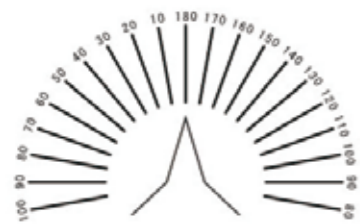
Storage

Temperature: -40°C ~ +55°C
 Relative humidity: ≤93%
 Air pressure: 700hPa~1060hPa

Transportation

Temperature: -40°C ~ +55°C
 Relative humidity: ≤93%
 Air pressure: 700hPa~1060hPa
 Net weight: 2Kg

CM-1800 LCD Visual Tester



Rotating Astigmatic Fan Chart
Fast and Accurate test for Cylinder and Axis

Feature

- LCD visual tester can connect to CV7600, CV7200 auto phoropter
- 19" high contrast and bright display
- Smooth and quiet operation
- Wireless remote control
- Wide range of test types
- Precise distance adjustment
- Easy mounting
- Random test wequence.

Technical Data

- Display :19"LCD(color)High resolution monitor
- Brightness :250 cd/m²
- Chart acuity :6/3-6/150 20/10-20/500 0.04-2.0
- Distance :2.0~7.0m
- Power supply:Input :AC110-220V AC+/-10%,50/60Hz
- Power consumption :≤45W
- Dimension :455mm(L)x 420mm(W)x110mm(H)
- Weight :4.5KG(Net weight)
- Remote :IR
- Batteries for remote control :3A

RS190A / RS190 LED Visual Tester



RS190A



RS190



RS190 Normal screen appearance .

RS190A apple screen design

- 1.Indicate the images immediately when turn on the screen.
- 2.Software and information are retained when power is turned off.
- 3.Update the software by SD card which behind the monitor
- 4.Four units can be operated at the same time without problem.
- 4.LED screen size :19 "
- 5.Working distance :1-6.5m
- 6.Resolution :1440*900

- 4.Max brightness:250cd/m²
- 5.Max contrast ratio:1000:1
- 6.Input signal:RGB
- 7.Signal Joint:15 PIN D Pattern Plug
- 8.Energy consumption:20W
9. Net weight :4KG
- 10.Compatibility:PC/MAC
- 11.Dimesion 150(D)*540(W)*385(H)mm
- 12.Screen power :AC 100V~240V 50/60Hz

RS230 / RS230P LED Vision Chart



RS230 Without polarize function .

RS-230P with polarize function

Feature

- Multi-functional charts meet different testing request
- E charts, C charts, Letter Charts, Number Charts, Children Charts, Color blindness Charts ETDRS,Mirror display function , there is Arab and Russian letters too

Screen	23" LED (Color) High resolution Monitor
	Resolution: 1920*1080 pixels
	Dot pitch: 0.2652mm
	Screen ratio: 16:9
	Visible Size: 513.8*291mm
Brightness	250cd/m ²
Chart Versions	E,C, Letter, Number, Childdren, Polarized charts, 3D,mirror ,ETDRS,Russian letter,Arab letter.
Working distance	1-6 meters
Remote controlling	Distance>8m
Power Supply	100-240V AC, 60/50Hz
Dimension	590(W)*365(H)*60mm(D)
Weight	5.5KG
Standard Accessories	Remote Control
	Red-green glasses
	3D Stereo Polarized glasses: 2 pieces
	U Disk
	Hanging Bracket
	AC-DC Adapter
	Power Cable

RS-215A / RS215 LED Visual Tester



RS215A



RS215

Feature:

1. Indicate the images immediately when turn on the screen.
2. Software and information are retained when power is turned off.
3. Update the software by SD card which behind the monitor
4. Four units can be operated at the same time without problem.

Technical Data

1. LED screen size :21.5 "
2. Working distance :1-6.5m
3. Resolution :1920*1080
4. Max brightness:250cd/m²
5. Max contrast ratio:1000:1
6. Mas resolution:1920*1080
7. Input signal:RGB
8. Signal Joint:15 PIN D Pattern Plug
9. Energy consumption:25W
10. Net weight :5KG
11. Compatibility:PC/MAC
12. Dimesion 150(D)*540(W)*385(H)mm
13. Screen power :AC 100V~240V 50/60Hz

Placement

1. Can be hung on the wall by a bracket
2. Can stand on ground by a support
3. Can be set on the table

CCQ-400 Lens Meter



Internal reading

- FEATURES:
1. ±25m-1 measurement range
 2. Wide observation field
 3. Classic manual lensmeter

MAIN TECHNICAL INDEXES

1. Range of measurement : -25m-1 ~ +25m-1
Minimum scale value : -5m-1 ~ +5m-1: 0.125m-1; -5m-1 ~ -25m-1, +5m-1 ~ +25m-1: 0.25m-1
2. Astigmatism axis angle of cylindrical lens: 0 ~ 180° Minimum scale value 1°
3. Prism degree : Model A 0 ~ 5△ Minimum scale value 1△
Model B (with prism compensator) 0 ~ 20△ Minimum scale value 1△
4. Prism basal angle : 0 ~ 180° Minimum scale value 1°
5. Range of ocular visibility adjustment : -5m-1 ~ +5m-1
6. Size of measured lens : Φ16 ~ Φ80mm
7. Overall dimensions : 280mm(L)×150mm(W)×450mm(H)
8. Weight : Model A 4.9 kg
Model B (with prism compensator) 5 kg
9. Lamp of illumination : 220V / 110V 15W

CCQ -500 Lens Meter



External Reading

- FEATURES:
1. ±25m-1 measurement range
 2. Wide observation field Wide field of vision observation
 3. Classic manual lensmeter

MAIN TECHNICAL INDEXES

1. Range of measurement : -25m-1 ~ +25m-1
Minimum scale value : -5m-1 ~ +5m-1: 0.125m-1; -5m-1 ~ -25m-1, +5m-1 ~ +25m-1: 0.25m-1
2. Astigmatism axis angle of cylindrical lens: 0° ~ 180° Minimum scale value 1°
3. Prism degree : Model A 0 ~ 5△ Minimum scale value 1△
Model B (with prism compensator) 0 ~ 20△ Minimum scale value 1△
4. Prism basal angle : 0 ~ 180° Minimum scale value 1°
180° ~ 360° Minimum scale value 5°
5. Range of ocular visibility adjustment : -5m-1 ~ +5m-1
6. Size of measured lens : Φ16 ~ Φ80mm
7. Overall dimensions : 280mm(L)×150mm(W)×450mm(H)
8. Weight : Model A 4.9 kg Model B (with prism compensator) 5 kg
9. Lamp of illumination : 220V/110V 15W

GJD-1 Lens Meter

External reading.

Technical data :

Ranges of measurement	0 to ±25D
Minimum : Outer Reading	0.125D
Inner Reading	0.125D graduation up 0 to ±5D and 0.25D graduation over ±5D to ±25D
Cylinder Axis Range	0-180° step 1°
Prismatic power range	0-5 Δ prism diopters, Δgraduations With prism compensation device 0~20Δ Prism diopters 1Δ graduations
Prism Base Angle	0~180°
Eyepiece Adjustment	±5D
Dimension of objective lens	φ 16 ~ φ 86mm
Over all size	275*120*430mm
weight	4KG
LIGHTING BULB	220v /-3V3W or 110V/3V 3W
Note	The prism compensate is optional



GJD-6 Lens Meter

External reading.

Technical data :

Ranges of measurement	0 to ±25D
Minimum : Outer Reading	0.125D
Inner Reading	0.125D graduation up 0 to ±5D and 0.25D graduation over ±5D to ±25D
Cylinder Axis Range	0-180° step 1°
Prismatic power range	0-5 Δ prism diopters, Δgraduations With prism compensation device 0~20Δ Prism diopters 1Δ graduations
Prism Base Angle	0~180°
Eyepiece Adjustment	±5D
Dimension of objective lens	φ 16 ~ φ 86mm
Over all size	275*120*430mm
weight	4KG
LIGHTING BULB	220v /-3V3W or 110V/3V 3W
Note	The prism compensate is optional



GJD-2 Lens Meter

Internal Reading

Technical data :

Ranges of measurement	0 to ±25D
Minimum : Outer Reading	0.125D
Inner Reading	0.125D graduation up 0 to ±5D and 0.25D graduation over ±5D to ±25D
Cylinder Axis Range	0-180° step 1°
Prismatic power range	0-5Δ prism diopters, Δgraduations With prism compensation device 0~20Δ Prism diopters 1Δ graduations
Prism Base Angle	0~180°
Eyepiece Adjustment	±5D
Dimension of objective lens	Φ16 ~ Φ86mm
Over all size	275*120*430mm
weight	4KG
LIGHTING BULB	220v /-3V3W or 110V/3V 3W
Note	The prism compensate is optional



GJD-7 Lens meter

Internal reading.

Technical data :

Ranges of measurement	0 to ±25D
Minimum : Outer Reading	0.125D
Inner Reading	0.125D graduation up 0 to ±5D and 0.25D graduation over ±5D to ±25D
Cylinder Axis Range	0-180° step 1°
Prismatic power range	0-5 Δ prism diopters, Δgraduations With prism compensation device 0~20Δ Prism diopters 1Δ graduations
Prism Base Angle	0~180°
Eyepiece Adjustment	±5D
Dimension of objective lens	φ 16 ~ φ 86mm
Over all size	275*120*430mm
weight	4KG
LIGHTING BULB	220v /-3V3W or 110V/3V 3W
Note	The prism compensate is optional



GJD-8 LENS METER

External reading.

Technical data :

Ranges of measurement	0 to ±25D
Minimum : Outer Reading	0.125D
Inner Reading	0.125D graduation up 0 to ±5D and 0.25D graduation over ±5D to ±25D
Cylinder Axis Range	0-180° step 1°
Prismatic power range	0-5 Δ prism diopters, Δ graduations With prism compensation device 0~20Δ Prism diopters 1Δ graduations
Prism Base Angle	0~180°
Eyepiece Adjustment	±5D
Dimension of objective lens	φ 16 ~ φ 86mm
Over all size	275*120*430mm
weight	4KG
LIGHTING BULB	220v /-3V3W or 110V/3V 3W
Note	The prism compensate is optional



GJD-9 Lens meter

Internal reading.

Technical data :

Ranges of measurement	0 to ±25D
Minimum : Outer Reading	0.125D
Inner Reading	0.125D graduation up 0 to ±5D and 0.25D graduation over ±5D to ±25D
Cylinder Axis Range	0-180° step 1°
Prismatic power range	0-5 Δ prism diopters, Δ graduations With prism compensation device 0~20Δ Prism diopters 1Δ graduations
Prism Base Angle	0~180°
Eyepiece Adjustment	±5D
Dimension of objective lens	φ 16 ~ φ 86mm
Over all size	275*120*430mm
weight	4KG
LIGHTING BULB	220v /-3V3W or 110V/3V 3W
Note	The prism compensate is optional



NJC-1 Portable lens meter



Vertex Power Range:
+15 diopter to -15 diopter;
Vertex Power Step:
0-(±)10D for 0.125D
(±)10D-(±)15D for 0.25D;
Prismatic Power Range:
4 prism diopter;
Prismatic Power Step: 1diopter;
Cylindrical Axis Range:
0 to180 degrees;
Cylindrical Axis Step: 5 degree;
Lenses Accommodated:
Diameter 20mm to 80mm;
Eyepiece Focusing: -5D to +5D;
Bulb: 6V/3W.

RS9622 Pen Lamp

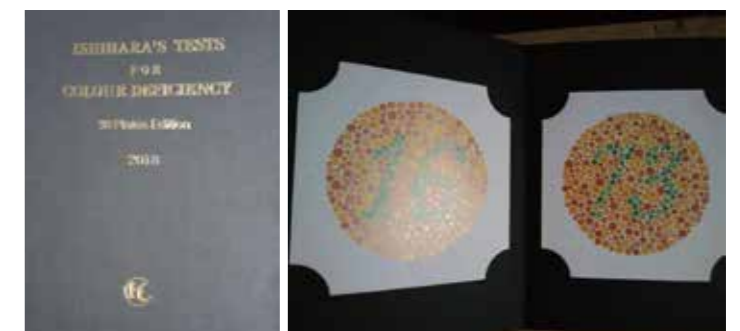
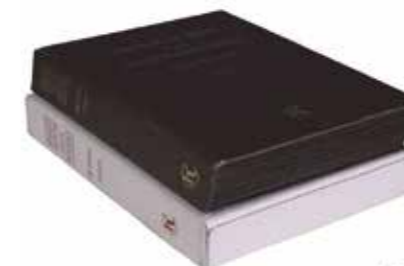
Feature

Aluminium material
LED lamp
White or blue color optional



Ishihara color test book

38 pages



AT-16 Motorized Table

Table size: 480*560mm
 Table rise height: 630-810mm
 In put power: 220V/50Hz 110V/60Hz 160W
 Weight: 26KG



AT-20 Motorized Table

High quality ,Stability movement,low noisy and easy operation.
 Table size:56*48 cm
 Table elevator height:63-82cm.
 Max loading: 50~75KG
 Input:220V/50hz 110v/60Hz
 weight:18kg.



AT-110 Motorized Table

Table Size: 580 X 400mm
 Range of elevation: 630mm - 820mm
 Max Loading: 50kg-75kg
 Electric Voltage:220V/50Hz or 110V/60Hz
 Power:120W
 Weight:19kg
 Volume:60.8(L)x53(w)x26.5(H)cm



YT-2A Motorized Table

Table Size: 580 X 400mm
 Range of elevation: 630mm - 820mm
 Max Loading: 50kg-75kg
 Electric Voltage:220V/50Hz or 110V/60Hz
 Power:120W
 Weight:19kg
 Volume:60.8(L)x53(w)x26.5(H)cm



RS820 Motorized table

Table size950*480mm
 Table elevator height:690*900mm
 Input :100-230V 50-60Hz
 Weight 39KG



AT110S Motorized Table

Table Size: 605 X 435mm
 Range of elevation: 645mm - 815mm
 Max Loading: 150kg
 Electric Voltage:220V/50Hz or 110V/60Hz
 Power:50W
 Weight:20kg



RS-580 Motorized Table

Table Size:90*46
 Table Elevator height:70~90cm
 Input:100v-240v 50/60Hz
 Weight:38KG



RS -560 Motorized Table

Table Size:(60+48)*48cm
 Table elevator height:63-83cm
 Input:100v-240v 50/60hz
 Weight:30kg.



RS-330 Motorized Table

Table size:78*48cm
 Table elevator height:63-83cm
 input:100v-240v 50/60hz
 weight 37kg



RS-330A Motorized Table

Table size:78*48cm
 Table elevator height:63-83cm
 input:100v-240v 50/60hz
 weight 37kg



RS-660 Motorized Table

Table size :93*53cm
 Table elevator height:63-83cm
 Input:100-240v 50/60hz
 Weight:52kg



RS-680 Motorized Table

Table size:92*55cm
 Table elevator height:69-90cm
 Input:100V-240V 50-60Hz
 Weight:47KG.
 Can place trial lens set ,frames. And computer .
 High quality ,stability movement, low noisy and easy operation.



RS-700 Motorized Table

Table size:92*55cm
 Table elevator height:69-90cm
 Input:100V-240V 50-60Hz
 Weight:32KG.
 High quality ,stability movement, low noisy and easy operation



RS-430 Motorized table

RS-430 Motorized table.
 Table size :89*46cm
 table evevator height:70-90cm
 Top table is sliding table.
 Input:100V-230V 50hz/60hz
 Weight :45KG



RS-30 Motorized table

Silding table accommodates 2 instruments together
 With compact appearance, easily operation, load bearing:
 150KG
 It is a multi functional table used to lay slit lamp, keratom-
 eter, auto refractometer etc.

Parameter: Table size: 900*420mm
 Range of elevation: 950-1150mm(200mm)
 Mas loading: 100-150KG
 ELECTRIC VOLTAGE: 220/110V 50/60Hz
 Powwer: 90W
 Weight: 45KG



RS-40S Motorized table

Features:

A perfect combination system, multi functional, it is suitable for slit lamp imaage system and other sets, an ideal unit for equipments

Specification:

Table tops size	1000*460mm
lifting range	722-932mm
Max loading	150kg
Volatge	220V/110V, 50Hz/60Hz
power	50w
weight	40kg



RS1000-SM Motorized table

Table size:1400*680mm
 Table rise height:690-1040mm
 Input power:110/220v 50HZ/60HZ
 N.W.:61KG



AT1500 Motorized Table

Features:

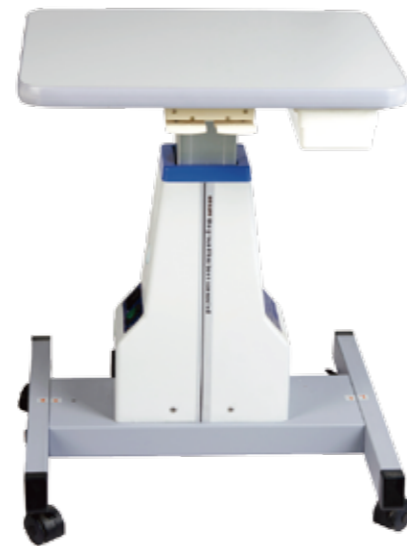
LEFT Table size: 480*520mm
 RIGHT table size:540*700mm
 Table elevator height: 670-860mm
 Input: 100-240V 50/60Hz
 Weight: 52kg

It is good table for digital slit lamp, and other oph-
 thalmic equipments need use PC



AT-3A Motorized Table

Table Size: 580 X 400mm
 Range of elevation: 630mm - 820mm
 Max Loading: 65kg
 Electric Voltage:220V/50Hz or 110V/60Hz
 Power:100W
 Weight:17.5kg
 Volume:60.8(L)x53(w)x26.5(H)cm



AT-3ADT Motorized Table

There is trial lens set drawer under the table
 Table Size: 680 X 400mm
 Range of elevation: 630mm - 820mm
 Max Loading: 55kg
 Electric Voltage:220V/50Hz or 110V/60Hz
 Power:100W
 Weight:30kg
 Volume:60.8(L)x53(w)x26.5(H)cm



WH0901 /WH0904 /WH3001 Near Vision Tester



WH0901



WH3001



WH0904

- 1.Import LED light
- 2.Lithium battery: 3.7V
- 3.Charge time: 5 hours
- 4.The device can be powered by the computer with the USB cable
- 5.Test distance :35cm
- 6.Double size use , can select two charts each machine

WH1002 LED Amsler Grid



- 1.Import LED light
- 2.Lithium battery: 3.7V
- 3.Charge time: 5 hours
- 4.The device can be powered by the computer with the USB cable
- 5.Test distance :35cm
- 6.Double size use , can select two charts each machine

CP-37C Near Vision Tester



E chart , Letter, Number charts optional .
 35cm working distance
 Chargable

NV-100 Near Vision Tester



Test Distance	36cm
Distant Control	60cm
Size	220(H)×210(W)×42(D)mm
Weight	780g
Power Supply	LR6 AA/1.5V×3

Characteristics :

The NV-100 near vision tester enable a complete refractive and binocular vision investigation to be carried out with the head and eyes in their normal posture at any working distance.

The refractive tests include:

- Measurement of visual acuity using Snellen letter and illiterate E-chart, and Times Roman reading types.
- Accurate determination of presbyopic additions and other near corrections.
- Near vision astigmatism tests.
- Amplitude of accommodation including monocular measurements under binocular conditions.

The Binocular balance tests include:

- Fixation disparity test for uncompensated heterophoria motor eye dominance. Accommodation-convergence relationship.
- Quantitative evaluation of foveal suppression in heterophoria patients. Near point of convergence.
- Targets for subjective cover tests for heterophoria and harmonious ARC.
- A centimeter ruler for measuring working and testing distance is included.
- The chart can be illuminated individually by means of an infra red remote controller

RS-C Doctor Chair

Chair Elevator height :53-67cm.
High quality ,stability movement,low noisy and easy operation



NT-80 Ophthalmic chair

Chair elevator height 52-67cm

220V/50Hz ,110V/60Hz

Weight :21KG

High quality, stability movement, low noisy and easy operation.

There is motor to move up and down.

With Pedal.



RS-D Ophthalmic chair

With pedal power control.

Chair can be rotated left and right.

With tiltable backrest

Chair can slip upward or backward.

Can move by motor up and down.

Chair rotating angle: 60°

Chair list height range: 540-690mm

Lift weight range: 200-250kg

Reclining chair angle: 160°

Chair size: 60×61×130mm



RS-B Patient chair

Ophthalmic chair RS-B

With tiltable backrest Reclining chair angle: 90°~135°or140°

Chair rotating angle: 60°

Lift weight range: 70~150kg

Pillow height :+150mm

.adjust the height by motor Chair list height range: 540-690mm

.with pedal control power



RS-2W Patient chair

Chair elevator height 58-71cm
 Input:100V-230V 50Hz/60Hz
 Weight :31KG



RS-2B Ophthalmic Chair

Chair elevator height 45-58cm
 Input:100V-230V 50Hz/60Hz
 Weight :18KG



RS-3B Ophthalmic chair

Chair elevator height 43-58cm
 Input:100V-230V 50Hz/60Hz
 Weight :18KG



RS-3W Motorized Chair

Feature:
 Motorized height .
 leather material
 With pedal
 Rotating chair



RS-2018 Ophthalmic unit



Technical Data

Unit size:1200mm × 1300mm × 1800mm
 Table size:850mm × 450mm
 Small table size:620mm × 400mm
 Drawer size:520mm × 350mm
 Control mode:film button / phone remote control /flat panel remote control
 Configuration equipment:computer refractometer / electric cattle eye /slit lamp / focus meter
 Table rotation angle: 90 °
 Countertop left and right movement distance: 400mm
 Countertop up and down distance: 150mm
 Column (cattle eye arm) left and right moving distance: 400mm
 Column (cattle eye arm) up and down distance: 120mm
 Chair left and right movement distance: 150mm
 Chair up and down distance: 150mm
 Chair back angle:140 °
 Chair movement mode:pulley move (optional)
 Chair height:700mm
 Chair loading ability:50kg
 Lamp:LED (24V, 7W)
 Electric Voltage:AC220V / 110V 50 / 60HZ
 Weight:200kg
 Packing:wooden box
 Packing size:1000mm × 1200mm × 1300mm

Feature :

- 1).Toptable move up and down by motor
 Toptable move left and right by motor
- 2).Phorofter move left and right by motor
- 3).Phorofter pole move up and down by motor
- 4).Chair move up and down by motor
 Chair backrest adjust by motor
 Chair move ahead and back by motor
- 5).There is the control panel on the unit to control above movement.



Tablet control system:beside operation panel it can be controlled by tablet .



Automatic moving phorofter arm: left and right .



Aluminium column moves up and down



Enough storage space for trial lens set etc.



Enough storage space for trial lens set etc.

RS-600S Ophthalmic Unit



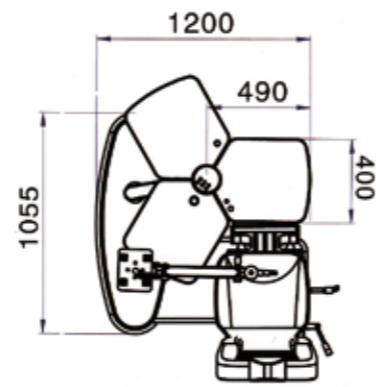
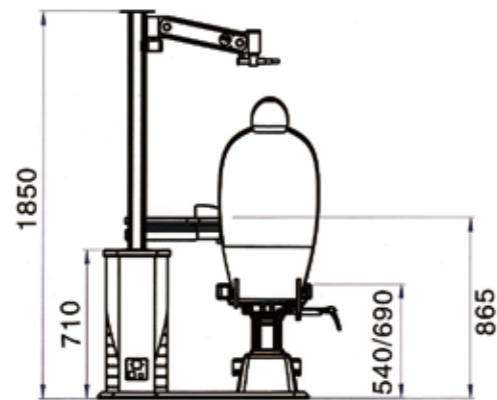
- Features :** There are some new functions for RS600S
- 1.The rotation angle is 360 degrees,It enables multiple devices operating simultaneously.
 - 2.Electrical locking system is much more easy to lock the table board in any angle
 - 3.It offers four connectors including a slit lamp, a keratometer , and two AC 220/110V,The voltage is adjustable.
 - 4.The non contact button of slit lamp is easy to handle and it functions more stable.
 - 5.The newly added liner switch is an innovation for Y shape table unit, safer and more convenient.
 - 6.It offers chargers for ophthalmoscope and retinoscope.
 - 7.RS600S is an ideal table unit to install auto chart projector , auto refractometer , slit lamp , phoropter , ophthalmoscope and retinoscope. This table is targeted for hospitals ophthalmic clinics and optical stores.

Specification:

- Unit size: 1200*1055*1850mm
- Table size: 400*490mm
- Table rotation range: 360°
- Swing arm oscillation angle: ± 35°
- Chair rotation range: 60°
- Chair up and down range: 540-690mm
- Chair loading ability: 200-250KG
- Adjustable backrest range: 160°
- Lamp: LED(24V, 3W)
- Electric Voltage: AC220V/110V 50/60Hz
- Weight: 200KG

Product Description

- Luxurious design and graceful structure
- The Y shape table is designed for saving space, it can hold three instruments
- Hand-operated phoropter arm can swing up and down, left and right
- Reclining chair can smoothly lift up and down, forward and backward with low noise.



RS-360 Ophthalmic Unit



- Adopt European style in appearance designing
- Human-oriented design, complete functions makes operation be more conveniently
- The chair could up and down, rotate left and right, and with tiltable backrest
- Table is sliding,can place two products on the table.

- Unit size: 1200*1055*1850mm
- Table Size: 400*490mm
- Table rotation range: 360°
- Swing arm oscillation angle:±35°
- Chair up and down range: 540-690mm
- Chair loading ability: 200-250kg
- Adjustable backrest range: 160°
- Lamp: LED (24V, 3W)
- Electric Voltage: AC220V/110V 50/60HZ
- Weight: 200kg

RS-500 Ophthalmic Unit



Features:

- Smart European style in appearance designing
- Human-oriented design, complete functions makes operation be more conveniently
- The chair could up and down, rotate left and right, and with tiltable backrest
- There is red color and white , gray color optional , stock color is black .

Specification:

- Unit size: 1100*800*2100mm
- Table Size: 890*405mm
- Table rotation range: 360°
- Swing arm oscillation angle:±35°
- Chair up and down range: 540-690mm
- Chair loading ability: 200-250kg
- Adjustable backrest range: 160°
- Lamp: 24V, 3W
- Electric Voltage: AC220V/110V 50/60HZ
- Weight: 180kg



RS-2002 Ophthalmic Unit



Technical data:

1. Base size: 39inch x 24inch (1000mm x 600mm)
2. Tabletop size: 33inch x 16inch (840mm x 405mm)
3. Two rechargeable wells
4. Counterbalanced Refractor Arm
 - (a) Adjustable Load Range: 8lbs to 20 lbs (3.6Kg to 9Kg)
 - (b) Vertical Adjustment Range: 16inch (405mm)
5. Table rotate angle: 90°
6. Chair rotate: ±90°
7. Recline angle of chair: 165°
8. Chair height: 20inch ~ 25inch (500mm ~ 640mm)
9. Adjustable range of headrest: 4inch (100mm)
10. Fluorescent lamp: 12W. (Brightness is adjustable)
11. Voltage: 110/220V. (Switch voltage freely.)
12. Weight: 485lbs (220Kg)

Chair color : black , ivory , blue , yellow , red.

Feature:

1. Sliding table, can place two products on the top table .
2. There is slit lamp chinrest mount.
3. Two ophthalmoscope charge well.
4. Manual phoropter arm.
5. 5 color optional



RS-2000 Ophthalmic Unit



Technical data:

1. Base size: 39inch x 32inch (1000mm x 800mm)
2. Tabletop size: 33inch x 16inch (840mm x 405mm)
3. Three rechargeable wells
4. Counterbalanced Refractor Arm
 - (a) Adjustable Load Range: 8lbs to 20 lbs. (3.6Kg to 9Kg)
 - (b) Vertical Adjustment Range: 12inch (405mm)
5. Table rotate angle: 90°
6. Chair rotate: ±90°
7. Recline angle of chair: 165°
8. Chair height: 20inch ~ 25inch (500mm ~ 640mm)
9. Adjustable range of headrest: 4inch (100mm)
10. Fluorescent lamp: 12W. (Brightness is adjustable)
11. Voltage: 110/220V. (Switch voltage freely.)
12. Weight: 485lbs (220Kg)

Chair color : black , ivory , blue , yellow , red.

Feature:

1. Sliding table, can place two products on the top table .
2. There is slit lamp chinrest mount.
3. Three ophthalmoscope charge well.
4. Manual phoropter arm.
5. 5 color optional



TCS-500 Mini Ophthalmic Unit



- Phoropter arm rotating
 Small top table tray rotating .
 When move away the top table tray aside, phoropter arm will come back to work automatic .
 With drawer under the table for trial lens set
- 1.Table top size : 900W X 605 D (MM)
 2. Rotary tray size :17*12(Inch) ,(420*300MM) for auto refractometer
 - 3.Drawer size:21*14*2(inch) (535*347*55MM) for trial lens set
 - 4.Rotary arm with electromagnetic lock , the rotation angle is 90°
 - 5.Rotating angle of the tray is 180°
 - 6.Tabetop lift range : (670-830MM)
 - 7.Voltage :110/220V
 8. LED headlamp:AC 12V
 - 9.Net weight : (80KG)

RS-102A Ophthalmic Unit



Mechanical Parameters

- Up/Down angle of swing arm: ±30°
 Table size: 840mm×405mm
 Table rotational angle: 90°
 Table sliding movement: 330mm
 Angle of rotation for chair: ±60°
 Lifting height for chair: 150~200mm
 Loading for chair: 70 ~150kgs (electric) ; 70 ~200kgs (hydraulic)
 Lifting height for pillow: +150mm
 Backrest obliquity: 90°~135°or 140°
 Input voltage: 110V/220V AC 50Hz~60Hz
 Engine power: 55W 24V DC (electric) ; 160W 220V/110V AC (hydraulic)
 Light luminaire: 16W 110V/220V AV
 Fuse: 5A 250V AC
 Power without load: 1W
 Pressure test: 2KV
 Main wire: 10A 250V
 Working mode: S1
 Working temperature: -30°~+50°
 Relative humidity: less than 90%
 Force of pressing key: 1~5N
 Cooling mode: Nature cooling
 Figure size: 1400mm×1000mm×1990mm
 Weight: 175kgs

Can place two products on the table, such as auto refractometer and slit lamp.

Features

- Large sliding table, for two products .
- With ophthalmoscope charge .
- Chair backrest tilt 160 degree
- Rotating 90 degree

RS300A Ophthalmic Unit



Mechanical Parameters

- Left/Right angle of swing arm: ±30°
 Angle of rotation for swing arm right-angle rack: 360°
 Angle of rotation for Table: 90°
 Slide-board Slippage Range: 500mm
 Lifting height for chair: 150~200mm
 Loading for chair: 70~150kgs

Electrical Parameters

- Input voltage: 110V/220V AC 50HZ~60HZ
 Engine power: 55W 24VDC 40W 30VDC
 Light luminaire: 18W 250V
 Fuse: 5A 250V AC
 Power without load: 1W
 Pressure test: 2KV
 Main wire: 10A 250V
 Working mode: S1
 Working temperature: -30°~+50°
 Relative humidity: less than 90%
 Force of pressing key: 1~5N
 Cooling mode: Nature cooling

Installation Dimension

- Figure size: 1060mm×1000mm×950mm
 Weight: 210kgs

RS-510B Ophthalmic Unit



- Blue chair optional
Feature :
 Small top table for one machine on the table .
 For small optometry room .
 With ophthalmoscope charger
 Blue chair optional

Mechanical Parameters

- Up/Down angle of swing arm: ±30°
 Table size: 670mm×400mm
 Table rotational angle: 90°
 Lifting height for chair: 150~200mm
 Loading for chair: 70~150kgs

Electrical Parameters

- Input voltage: 110V/220V AC 50Hz~60Hz
 Engine power: 55W 24V DC
 Light luminaire: 40W 110V/220V AV
 Fuse: 5A 250V AC
 Power without load: 1W
 Pressure test: 2KV
 Main wire: 10A 250V
 Working mode: S1
 Working temperature: -30°~+50°
 Relative humidity: less than 90%
 Force of pressing key: 1~5N
 Cooling mode: Nature cooling
 Installation Dimension
 Figure size: 990mm×585mm×2110mm
 Weight: 120kgs

RS-760/RS-800 Ophthalmic Unit



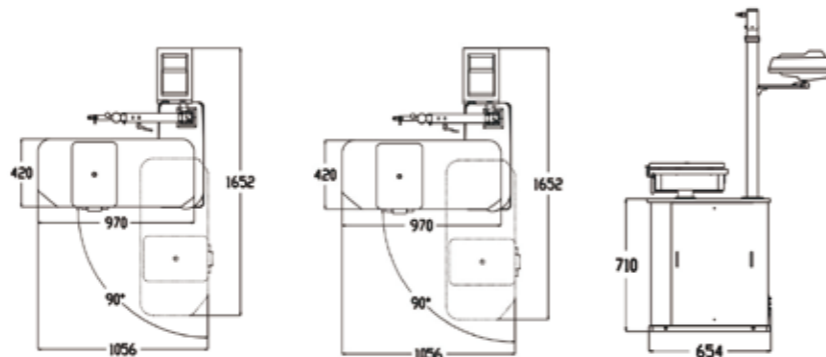
RS760 Manual phoropter arm
 RS800 , motorized phoropter arm
 Table and chair both can move up and down by motor.
 Easy to operate
 Beautiful style
 Electronically
 Elevation range for table:698mm-848mm
 Elevation is steady and with less noise
 Chair is elevated electronically, able to bear the heavy weight.
 The arm for Phoropter is swung electronically.
 The arm for Phoropter could be rotated for 90 degree.
 The table could hold one instrument, easy to conduct

Table size : 1000mm(L)*500mm(W)*30mm(H)
 Elevation range for table : 698mm-848mm
 Elevation range for chair : 600mm-750mm
 Input voltage : 110V/60HZ or 220V/50HZ
 Size of the sliding board : 420mm(L)*290mm(W)*20mm(H)
 CV-7000 Auto phoropter, RS-1500/1000 Auto chart projector, KR-9000 Auto refractometer keratometer, CRK-7000 Auto refractometer keratometer, can connected together.
 If buy one set combined table ,auto chart projector, phoropter can give to you one doctor small chair free.

RS500M Ophthalmic unit



The view test arm not automatic, it should be moved by hand
 Motorized rise, chair motorized rise.
 Top table can place oneproducts , such as auto refractometer
 The view test arm not automatic, it should be moved by hand



RS600-2 Ophthalmic unit



Feature:

Small slidding table for one products .
 Tabletop can rotate 90 degree
 Motorized chair , go up and down .
 Swiding arm can move up and down and rotate 90 degree
 With drawer for trial lens set

Technical Data

Unit Size:1030*1150*1920mm
 Tabletop size:1010*480*120mm
 Arm up and down range 180mm
 Chair up and down range :200mm
 Voltage :AC110/220v , 50/60Hz
 Weight :220kg

RS-190A Small Ophthalmic Unit



Small ophthalmic unit for small optometry room
 Can install phoropter auto refractometer , auto chart projector
 With motorized chair

Technical Data:

Tabletop side:880*500mm
 Drawer size:540*380mm
 Arm up and down range :170mm
 Chair up and down range :170mm
 Light :20W
 Voltage:AC 110/220V 50/60Hz
 Unit Size:1050*1100*1600mm
 Weight 60kg

RS-3 PD Meter



MAIN TECHNICAL INDEXES

Range of measurement: Binocular pupillary distance: 45 ~ 82 mm
 Left or right pupillary distance: 22.5 ~ 41 mm
 Indication error: ≤0.5 mm
 Rounding error: ≤0.5 mm
 Distance of target: 30 cm ~ ∞
 Power source: Voltage: DC 3V
 Specification: 5# AA battery
 Quantity: 2 pieces
 Time for automatic shut-off:
 About 1 minute after stopping operation, or turn it off manually.
 Size: 233mm(L)×165mm(W)×70mm(H)
 Weight: 0.68kg

RS-4 PD Meter



Main feature

Use exactitude optical configuration, measure more correctly.
 With adjustable knob, adjust the distance of sight, suitable all kinds of patients.
 Shut off the power by itself: 1.5 min after stopping of using.
 It can store the number of the last measuring, after shut off the power.
 The range of measure: 48~77mm
 Distinguish rate: 0.5mm
 Can measure single eye.
 Weight: 1.2KG

HE-710 Digital PD ruler



Features:

Easy to replace the battery. Power off automatically by lying it down after operation, while power on automatically when picking it up.
 Power can be conserved and the life of the battery is 6 months and more.
 Specifications:
 1. Battery: 23A 12 Battery.
 2. Dimensions: 215X122X44mm
 3. Net weight: 200g

RS-6 PD Meter



Specifications:

Method of Measurement	Cornea reflection light coincidence method.	Error: ≤0.5mm
Scope of measurement total	P.D.: 46~82MM	Target distance: ∞: 30cm ~ ∞ translate automatically 30cm, 40cm, 50cm, 1M, 2m.
Single eye:	23~41MM	Belb: LED lamp
Graduations:	0.5mm	Electricity: DC 6V(4PCS# AA battery)
Display:	Liquid crystal display	Automatically close time: 1 min
		Dimesions: 56mm*162mm*220mm
		Weight: 0.7kg

CP-9 PD Meter & PH Mether



Measure PD height and PD distance. Method: wear glasses and adjust the left and right knobs to obtain the pupil height. This is also an indispensable tool for progressive multifocal spectacle fitting.

PD-A Digital PD Meter

Technical Data

Data show range two eyes PD: 44~83mm
 Left-right PD: 22~41.5mm
 Effective measure range two eyes PD: 45~82mm
 Left-right PD: 22.5~41mm
 Indication error ≤0.5mm
 Rounding error ≤0.5mm
 Target distance 30cm~∞
 Power supply voltage: DC 6V
 Specification: 5#AA battery
 Quantity: 4
 Automatic shut-off 1minute after operation stops
 Instrument size 212mm (L) ×158mm (W) ×58mm(H) Net weight 0.6kgs



Features

- PD Meter is a digital precision optical instrument used to measure distance between human pupils in the process of optometry.
- This device is designed in a scientific and reasonable way, integrating technologies on optics, microelectronics.
- The corner reflection light coincidence method is used.
- This operates by aligning luminous point on the pupils with measuring line.
- Results are displayed digitally.
- measurements are given: right, right+left, left.
- Results are accurate to within 0.25mm.
- Measurements can be made for a single eye or for both eyes.
- Possible to measure PD of focusing-point distances ranging from 30cm to infinity.
- Automatically switches OFF one minute after operation is completed, thus conserving power.
- Distances from tops of the corner to lenses or frames can also be measured

WK-3 Phoropter



CE



CE

Color optional: black and white
 Sphere powers range: +16.75D to -19.00D, with minimum reading 0.25D or 0.12D(When +0.12D auxiliary lens or optional±0.12D lens is in use)
 +26.75D to -29.00D (When optional ±10.00D lens is in use)
 Cylinder power range: 0 to -6.00D, with minimum reading 0.25D or 0.12D (when auxiliary lens is in use)
 0 to -8.00D (when -2.00D auxiliary lens is in use)
 Astigmatic axis scale:0 to 180° in 5° steps
 Cross cylinder: ±0.25D, reversal type (synchronized with astigmatic axis)
 Rotary prism: 0 to 20Δ in 1Δ step
 Interpupillary adjustment: 48mm to 80mm in 1mm step (right and left synchronized)
 Forehead rest adjustment: 16mm backward and forward
 Convergence: The optical axes of the lenses are aligned at a distance of 400mm from the vertexes of the corneas (2mm each for right and left inward) .Interpupillary distance enabling convergence=57mm to 80mm . Corneal distance device: 2mm forward and 5mm backward from standard plane; with scale. Effective field of view: 19mm. Weight: 5kgs. Size: 291—323×315×85

WK-6/WK-6L Phoropter



Feature:

- 1.Sealed design to block dust and better protect the lens.
2. WK6L is with led light. WK-6 have no led light . Others same .

(A)Measuring range:

- (1)SPH: 0.00D~ -19.00D(-0.25D) ,+0.25D~ +16.75D(+0.25D)
- (2)CYL: 0.00D~ -8.00D(-0.25D)
- (3)AXIS:0~180(5°increment)

(4)P.D: 50mm~ 78mm

(B)Auxiliary lenses:

- (1)Occluder:Occluder
- (2)Pinhole plate:Pinhole plate(1mm)
- (3)P.D Check:P.D Check
- (4)Red/green filter: red:right green:left

- (5)Polarizing:right eye 135°
- (6)Polarizing:left eye 45°
- (7)Lenses for retinscope:+1.50D
- (8)Cross cylinder lens:±0.50D
- (9)Balance check:right eye:6△B/U
- (10)Balance check:left eye:10△B/I
- (11)Moddx rod:right eye horizontal/vertical
- (12)Moddx rod:left eye white horizontal/vertical

(C)Cross cylinder lens:±0.50D

(D)Prism:Rotary prism0△~ 20△

(E)Dimension:527(mm)X412(mm)X180(mm)

(F)Weight:6.6kg

- (1) LED illuminated readings for Sphere and Cylinder powers
- (2) Dial plates with luminous effect, easy to see the readings in the dark
- (3) Horizontal level is easy to observe with built-in reflector
- (4)Power source: DC9V(3V×3 pieces of Battery)

WK-4 Phoropter



Characteristics:

This device is applicable to ophthalmology department of hospitals and spectacle stores for precision measurement of visual functions such as myopia, hyperopia, astigmatism, eyesight balance, heterophoria, stereoscopic vision and eyesight amalgamation.

- 1,Unique design of butterfly-shape appearance.
- 2,Capable of checking up all-sided visualfunctions, accurate and comfortable in measurement.
- 3,Exquisite manufacturing technique, with comfortable feel.
- 4,High grade plated-film used in all optic leses

FEATURES:

- 1、Unique butterfly design
- 2、All-sided visual functions checking, accurate and comfortable measurement
- 3、Exquisite manufacturing technique, comfortable operation feel
- 4、High grade coating of all optical lenses
- 5、Many technology and design patents

MAIN TECHNICAL INDEXES

1、Sphere power:	Range: -19.00m-1~+16.75m-1 Step: 0.25m-1 When applied with auxiliary lens +0.12m-1 Step: 0.12m-1
2、Cylinder power:	Range: 0 ~ -6.00m-1 When applied with auxiliary cylinder lens -2.00m-1: 0 ~ -8.00m-1 Step: 0.25m-1 When applied with auxiliary cylinder lens +0.12m-1 Step: 0.12m-1
3、Cylinder axis:	Range: 0 ~ 180° Step: 5°
4、Cross cylinder:	±0.25m-1
5、Rotary prism:	Range: 0 ~ 20△ Step: 1△
6、PD adjustment:	50 ~ 75mm Step: 1mm
7、Convergence adjustment:	∞ ,380mm(When PD 64mm)
8、Forehead reat adjustment:	16mm
9、Vertex distance:	13.75mm From corneal point to standard lens surface)
10、Dimension:	335(L)×320(W)×98(H)mm
11、Weight:	Approx.5kg

WK-5 Phoropter



New design, black , white color, and rose-golden , silver , gray color optional

FEATURES:

- 1-Unique butterfly design
- 2-All-sided visual functions checking, accurate and comfortable measurement
- 3-Exquisite manufacturing technique, comfortable operation feel
- 4-High grade coating of all optical lenses
- 5-Many technology and design patents

MAIN TECHNICAL INDEXES

- | | |
|-----------------------------|--|
| 1-Sphere power: | Range: -19.00m-1~+16.75m-1
Step: 0.25m-1
When applied with auxiliary lens +0.12m-1
Step: 0.12m-1 |
| 2-Cylinder power: | Range: 0 ~ -6.00m-1
When applied with auxiliary cylinder lens -2.00m-1:
0 ~ -8.00m-1
Step: 0.25m-1
When applied with auxiliary cylinder lens +0.12m-1
Step: 0.12m-1 |
| 3-Cylinder axis: | Range: 0 ~ 180°
Step: 5° |
| 4-Cross cylinder: | ±0.25m-1 |
| 5-Rotary prism: | Range: 0 ~ 20△
Step: 1△ |
| 6-PD adjustment: | 50 ~ 75mm
Step: 1mm |
| 7-Convergence adjustment: | ∞, 380mm (When PD 64mm) |
| 8-Forehead reat adjustment: | 16mm |
| 9-Vertex distance: | 13.75mm
From corneal point to standard lens surface) |
| 10-Dimension: | 335(L)×320(W)×98(H)mm |
| 11-Weight: | Approx.5kg |

WK-5L LED Phoropter



New design, black , white color, and rose-golden , silver , gray color optional With led light

FEATURES:

- 1-Unique butterfly design
- 2-All-sided visual functions checking, accurate and comfortable measurement
- 3-Exquisite manufacturing technique, comfortable operation feel
- 4-High grade coating of all optical lenses
- 5-Many technology and design patents

MAIN TECHNICAL INDEXES

- | | |
|-----------------------------|--|
| 1-Sphere power: | Range: -19.00m-1~+16.75m-1
Step: 0.25m-1
When applied with auxiliary lens +0.12m-1
Step: 0.12m-1 |
| 2-Cylinder power: | Range: 0 ~ -6.00m-1
When applied with auxiliary cylinder lens -2.00m-1:
0 ~ -8.00m-1
Step: 0.25m-1
When applied with auxiliary cylinder lens +0.12m-1
Step: 0.12m-1 |
| 3-Cylinder axis: | Range: 0 ~ 180°
Step: 5° |
| 4-Cross cylinder: | ±0.25m-1 |
| 5-Rotary prism: | Range: 0 ~ 20△
Step: 1△ |
| 6-PD adjustment: | 50 ~ 75mm
Step: 1mm |
| 7-Convergence adjustment: | ∞, 380mm (When PD 64mm) |
| 8-Forehead reat adjustment: | 16mm |
| 9-Vertex distance: | 13.75mm
From corneal point to standard lens surface) |
| 10-Dimension: | 335(L)×320(W)×98(H)mm |
| 11-Weight: | Approx.5kg |

CV- 8600 Auto Phoropter



Can connect to other products by blue-tooth.
With pad .
With printer

Measuring Range

Spherical Lens	2900 - +2675D (Regular) (Step: 0.1 2D 0.25D 0.5D 1D 2D 3D)
Cylinder Lens	0.00 ~ 8.75D (Step: 0.25D/ 0.5D / 1D/ 2D/ 3D)
Cylinder Axis	0~180' (Step: 1 1 5 1 15 1 30 1 45')
Pupil Distance	Far : 50 - 80 Near : 48 - 75 mm (Step: 0.5/1 .0 mm)
Working Distance	35 - 70 cm (Step: 5 cm)
Rotary Prism	0 ~ 20 A (Step: 0.1A / 0.2A / 0.5A / 1A 2A)
Cross Cylinder	Jackson Cross Cylinder 0.25D Jackson Cross Cylinder 0.50D Dual Cross Cylinder
Retinoscopy Lens	+1 5D. +2.0D (Test Distance 67cm, 50cm)
Specifications	
Body	362(width) * 76(depth) * 299(height)mm. 32kg
DELL panel computer	105inch. Android 5.0, Black
Power Supply	AC 100 - 240V, 50 1 60Hz . 90VA
Auxiliar Lens	Φ1 mm
Pin Hole Lens	
Moddox Rod	Right eye (horizontal red). Left eye (vertical red)
Red/Green Filter	Right eye (red). Left eye (green)
Polarized Light Filter	Right eye [135', 45'], Left eye (45', 1 35')
Separating Prism	Right eye (6ABU), Left eye {10ABI)
Fixed Cross Cylinder Lens Jackson Cross Cylinder 0.50D, Axis fixation 90'	
Vision Degrees	32'

CV-7200 Auto phoropter



Can connect to KR-9000, KR9200, KR9600, RM-9000 /RM9200, RM9600 Auto refractometer, Connect to RS1000,RS1001,RS1500,RS1501 Auto chart projector. CM1800,CM1900C LCD Vision chart

Characteristics:

- 7.0-inch color LCD touch screen
- Stylish and compact design
- Auto detachment printer
- Independent PD adjustment
- Built-in LED for near vision illumination
- Date transmission with auto refractometer and auto chart projector



7.0inch touch screen



Auto detachment



Reverse side



Near vision test

Sphere	-19.00D~+16.75D 0.25D/0.50D/0.50D/1.00D/3.00D steps
Cylinder	-6.00D~+6.00 D 0.25D steps
Axis angle	0~180° 1°/5°steps
Pupillary Distance	Distant range: 52~80mm 0.5/1mm steps Close range: 48-76mm 0.5/1mm steps
Rotary Prism	0~20 0.1 /0.5 /1.0steps
Cross Cylinder Lens	±0.25D
Plane Retinoscope	+1.50D(67cm) +2.00D(50cm)
Auxiliary Lens	PH Binocular(1.0mm) RMV,RMH RL(Right eye),GL(Left eye) Polaroid(Right eye 135°/45°; Left eye 45°/135°) Prism(Right 3ΔBU/ 6ΔBU, Left 3ΔBD/ 10ΔBI Cross Cylinder Lens (±0.50D Axis=90°) PD Lens
Major Size	365mm×280mm×110mm
Net Weight	3.8Kg
Keyboard Size	246mm×205mm×185mm
Power Box Size	236mm×126mm×115mm
Power Supply	AC 220V 50HZ or AC 110V 60HZ,90W

CV-7600 Auto phoropter



Can connect to other products by blue-tooth.
 Connect to KR-9000, KR9200, KR9600, RM-9000 /RM9200, RM9600 Auto refractometer,
 Connect to CM1800, CM1900C LCD Vision chart

Technical Data	
Sphere	-19.00D~+16.75D 0.25D/0.50D/0.50D/1.00D/3.00D steps
Cylinder	-8.75D~+8.75 D 0.25D steps
Axis angle	0~180° 1°/5°steps
Pupillary Distance	Distant range: 52~80mm 0.5/1mm steps Close range: 48-76mm 0.5/1mm steps
Rotary Prism	0~20 0.1 /0.5 /1.0steps
Cross Cylinder Lens	±0.25D
Plane Retinoscope	+1.50D(67cm) +2.00D(50cm)
Auxiliary Lens	PH Binocular(1.0mm) RMV, RMH RL(Right eye), GL(Left eye) Polaroid(Right eye 135°/45°; Left eye 45°/135°) Prism(Right 3ΔBU/ 6ΔBU, Left 3ΔBD/ 10ΔBI) Cross Cylinder Lens (±0.50D Axis=90°) PD Lens
CV Head Size	381mm×286mm×111mm 3.8KG
Table Size	243mm×171mm×7mm 0.5KG
CV Head size	246mm×205mm×185mm
Power Supply	AC 220V 50HZ or AC 110V 60HZ, 90W

CV600 Auto phoropter



Feature:

1. Easy for measurement
2. 10.4 inch LCD more comfortable to touch.
3. Automatically cross cylinder measurement.
4. PD and the anterior eye alignment in a dark room.
5. Compact design enables face to face test.

Can connect with ARK810 Auto refractometer, AR810A Keratometer, FL8600 Auto lensmeter, RS1800 RS1801 Auto chart projector

Technical Data	
Spherical power	+27.00m-1~27.00m-1 0.25m-1/0.50m-1/1.00D/3.00m-1
Astigmatic power	+8.00m-1~8.00m-10.25D/1.00D
Cylinder axis	0~180° 1°/5°
Prism	0~20Δ(all direction) 0.1Δ/0.2Δ/0.5Δ/1.0Δ
Pupillary distance	48~80mm
adjustment range	0.5mm/2.0mm
Cross cylinder	Auto Jackson cross cylinder:0.25m-1
Test len(aux lens)	Red-Green filter, Polarized filter(45 135), prism(6Δ/10Δ) Red Maddox(horizontal/vertical), lens of retinoscopy(+1.5m-1/+2.0m-1) cross cylinders for presbyopia (0.50m-1), Occluding plate(left/right), Pinhole and cross hairs glass(left/right).
Cornea alignment scale(on optical axis)	12mm, 13.75mm, 16mm, 18mm, 20mm
Convergence	Near-point distance 40/67cm(Minimum pupillary distance at 40cm convergence:53mm)
Forehead reset	Forehead reset
adjustment range	15mm
Main unit	300-330mm(W) X 120mm(D) X 300mm(H) 4.5kg
Supply unit	230mm(W) X 100mm(D) X 110mm(H) 2kg
Touch screen controller	300mm(W) X 255mm(D) X 203mm(H) 1.8kg
Carton size	main unit 53X43X27CM 4.5KGS
Supply unit	43X38X38CM 5KGS

TY-1 Chart Projector Wall Support



JG-1 Wall Stand for Phoropter and Projector



JG-1A /JG-1B Wall Stand for Phoropter



JG-5 Phoropter Stand on Table



JG-2 /JG-3 Ground Stand for phoropter and projector



JG-4 Phoropter Table Stand



ARM-B Phoropter arm for ophthalmic unit



VB-15 Prism Bar



Vertical prism Diopter: 1 2 3 4 5 6 8 10 12 14 16 18 20 25 30
 Material:Acrylic
 Package:leather

HB-16 Prism Bar



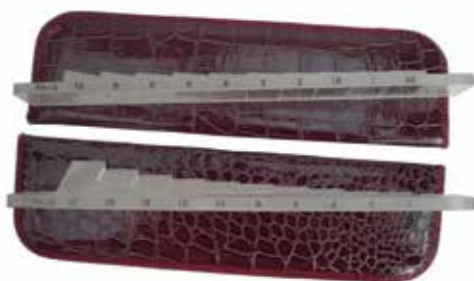
Horizontal Prism Diopter: 1 2 4 6 8 10 12 14 16 18 20 25 30
 35 40 45
 Material :Acrylic
 Package :leather

VB-15&HB-16 Prism set



VB-15:Vertical prism Diopter:1 2 3 4 5 6 8 10 12 14 16 18 20
 25 30
 HB-16 Horizontal Prism Diopter: 1 2 4 6 8 10 12 14 16 18 20
 25 30 35 40 45
 Material :Acrylic
 Package :aluminum case

VB-11&HB-11 Mini Prism Bar



VB11 Vertical prism bar with the following powers: 1/2/3/4/5
 /6/7/8/9/10/12
 HB 11 Horizontal prism bar with the following powers:1/2/3/4
 /5/6/7/8/9/10/12
 Material :Acrylic
 Package :leather

LS-16 Prism Set



Prism:1/2 1 2 4 6 8 10 12 15 20 25 30 35 40 45 50
 17pcs including one red filter lens
 Size:37*37mm

LS-22 Prism set



Prism lens:1/2 1 2 3 4 5 6 7 8 9 10 12 14 16 18 20 25 30 35
 40 45 50
 Total:23 pieces including one red filter lens
 Size:37X37mm
 Material :Acrylic
 Package?Aluminum Case

HLS-16 Prism set



Loose prism mounted on a stainless steel stick
 Diopter(Δ):1/2, 1 2 4 6 8 10 12 15 20 25 30 35 40 45 50
 Total:17 pieces including one red filter lens
 Material:Acrylic
 Package:Aluminium case

HLS-22 Prism set



Loose prism mounted on a stainless steel stick
 Diopter(Δ)1/2 1 2 3 4 5 6 7 8 9 10 12 14 16 18 20 25 30 35 40 45
 50
 Total:23pcs including one red filter lens
 Material Acrylic
 Package:Aluminum case.

LS-58 Prism set



Prism lens
 1. There are 58pcs of prism lens.
 Double of the following power.
 0.12 0.25 0.25 0.50 0.50 0.75 1.00
 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00
 3.25 3.50 3.75 4.00 4.50 5.00 5.50 6.00 6.50 7.00
 7.50 8.00 9.00 10.00
 2. plastics rim
 3. Glass lens
 4. aluminium case

LS-48 Prism set



48 pcs Prism lens
 1. There are 48pcs of prism lens.
 Double of the following power.
 0.25 0.50 0.75 1.00
 1.25 1.50 1.75 2.00
 2.25 2.50 2.75 3.00
 3.25 3.50 3.75 4.00
 4.50 5.00 5.50 6.00
 7.00 8.00 9.00 10.00
 2. plastics rim
 3. aluminium case
 4. Glass lens

RS-6R30P Retinoscopy Rack Lens



Sphere:15pcs each of concave and convex. 0.5 1.00 1.50 2.00
 2.50 3.00 3.50 4.00 4.50 5.00 6.00 7.00 8.00 9.00 10.00

RS-4R28W Retinoscopy Rack Lens



Characteristics: 0.50D 1.00D 1.50D 2.00D 2.50D 3.00D
 3.50D 4.00D 5.00D 6.00D 7.00D 8.00D 9.00D 12.00D

RS-2R32PL Retinoscopy Rack set



0.50D 1.00D 1.50D 2.00D 2.50D 3.00D 3.50D 4.00D
 5.00D 6.00D 7.00D 8.00D 9.00D 10.00D 12.00D 15.00D

RS-2R9B Retinoscopy rack lens



Aluminium bar ,bamboo case.
 Power is +/- 1,2,3,4,5,6,7,8,9,
 The slider power is 0.5 , 10
 -19.00 to +19.00

RS-100 Trial Frame



Plastics , PD adjustable.PD 48-80MM

RS-200 Trial frame



Gray and color optional
Plastics frame. PD is not adjustable. packaged in one box, one box with five pcs of frames. PD: 52# 56#,58#,60#62#64#66# 68# 70#

RS-300 TRIAL FRAME



Titanium alloy trial frame
P.D. is adjustable from 54mm to 70mm.
Axis of astigmatism.
One touch adjustment on nose pad
Easy slide-on temples
Temple with spring hinge.
Available in angle and length
Accommodate up to four 38mm trial lenses.
light 47g, simple ,reasonable

RS-400 TRIAL FRAME



PD Scale:50mm~80mm
Net weight:61g
Knobs fastened with screws
Back lens holders of round corners
Easily-shaped ear rests
Available for 5 pieces trial lensed to be inserted at each side.

RS500A Trial frame (Child)



Plastic material , for child, PD size:48mm, 56mm, two type.

RS600A Trial frame



New style, high quality. There are PD
48 52 54 56 58 60 62 64 66
68 70MM.

RS2220 Trial Clip



RS-800A Trial frame



The material is Nylon and Titanium.
5 pcs in one box.

New style, high quality. There are PD 50 52 54 56 58 60 62 64 66 68 70 72MM. 8 pcs in one box., Very light, around 31-36g each.
50#-56# color is pink
58#-64#,color is blue.
66#-70#, color is gray.

RS900A Trial frame



The material is Nylon , the metal is Titanium .

Plastics frame. PD is not adjustable. Packaged in one box, one box with 5PCS of frames.
PD Size :58mm,60mm,62mm,64mm,66mm in one box

RS-700A Trial Frame



New style, high quality. There are PD /54/56/58/60/62/64/68 8 pcs in one box.

RS3330 Trial Clip

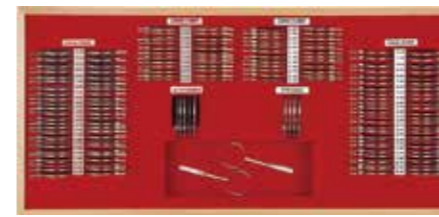


MS-158 Trial lens set



158pcs of glass lens, plastics rim, leather and aluminum case, lens diameter is 26mm
SPH, 0.25D to 12D, CYL 0.25D to 4D Prism 0.5 to 3.0D
Black , red , cross , pinhole , slit , crosscylinder

LJ-158 Trial lens set



158pcs , metal rim , aluminum or leather case .

MS104 Trial Lens Set



104pcs of plasitc rim, aluminum case or leather case .
SPH, 0.25 D to 10D , cyl, 0.25D to 3D, PRISM , 0.5D to 1.0D .
Black, red , pinhole , slit , frosted , cross cylinder .

LJ-104 Trial lens set



104pcs of metal rim, aluminum case or leather case.
SPH, 0.25 D to 10D , cyl, 0.25D to 3D, PRISM , 0.5D to 1.0D .
Black, red , pinhole , slit , frosted , cross cylinder .

MS-232 Trial lens set



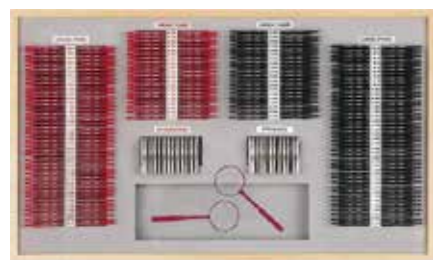
232pcs of glass lens, plastics rim, leather and aluminum case.
 Lens diameter is 26mm. rim diameter 38mm
 SPH :0.12-20D CYL:0.12-6D' Prism :0.5-10D
 Red ,green plane ,black , cross , Maddox , frosted, pinhole , slit , polariscope , cross cylinder .

MS-266A Trial lens set



266pcs of glass lens, plastics rim, leather and aluminum case.
 Lens diameter is 26mm. rim diameter 38mm
 SPH,0.25-20D CYL 0.25-6D , Prism 0.5-10D,
 Red ,green , black , plane , Maddox , slit , polariscope , cross , frosted, pinhole , cross cylinder .

MS-266L Trial lens set



266pcs of glass lens,plastic rim, lens diameter 26mm, rim is with metal line circle around the rim , let rim bright and beautiful .
 Each trial lens set , you may select the case. There are aluminum case, and leather case.
 266pcs of glass lens, plastics rim, wood or leather case.
 Lens diameter is 26mm. rim diameter 38mm
 SPH,0.25-20D CYL 0.25-6D , Prism 0.5-10D,
 Red ,green , black , plane , Maddox , slit , polariscope , cross , frosted, pinhole , cross cylinder .

LJ-266 Trial lens set



266pcs of glass lens, metal rim,aluminum ,ABS +aluminum case, or leather case.
 266pcs of glass lens, plastics rim, wood or leather case.
 Lens diameter is 36mm.rim diameter 38mm
 SPH,0.25-20D CYL 0.25-6D , Prism 0.5-10D,
 Red ,green , black , plane , Maddox , slit , polariscope , cross , frosted, pinhole , cross cylinder .

LJ-232 Trial lens set



232pcs of glass lens, plastics rim, leather and aluminum case.
 Lens diameter is 36mm. rim diameter 38mm
 SPH :0.12-20D CYL:0.12-6D' Prism :0.5-10D
 Red ,green plane ,black , cross , Maddox , frosted, pinhole , slit , polariscope , cross cylinder .

LJ-266C Trial lens set



Trial lens set
 1.lens diameter 36mm. outside rim diameter 38mm
 2.metal color rim
 3.glasses lens 266pcs.
 aluminum ,ABS +aluminum case, or leather case.

LJ-256JJ Trial lens set



256 pcs of lens.metal rim . Advance gradually multi-focus lens, progressive lens: 1.00~3.00 with 18 pcs in 0.25 steps aluminum ,ABS +aluminum case, or leather case.

LJ-22 progressive trial lens set

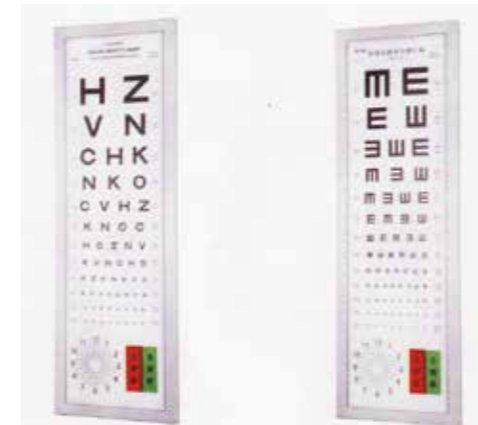


1.lens diameter 26mm.
 2.metal rim
 3.22pcs progressive lens
 0.00 ADD 1.00 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.50
 Each power 2pcs inside .
 This progressive trial lens set use RS900A trial frame.



Trial lens set case, you may select from the following case.

WH0804/WH0801 LED Distance Visual Acuity Chart



Wh0804

wh0801

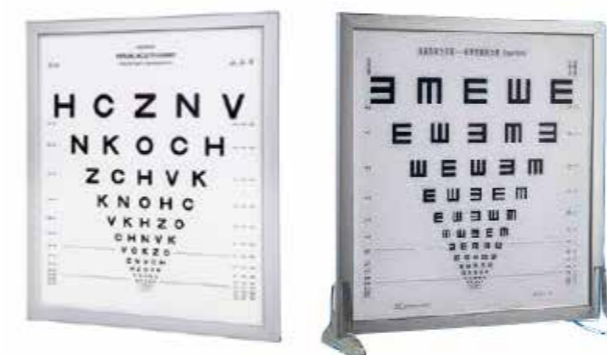
LED BACKLIGHT VISION TESTING(PATENT PRODUCT)
 Standardized and uniform illumination
 Clearly printed optotypes
 Can be placed on a table, or hung on a wall
 Controlled by wireless remote, or by manual
 Power supply:AC100~240V(by power adapter), or DC 12V (by optional battery)
 Including optotype, astigmatism chart ,red/green bar,.Each part can be illuminated spearatedly.
 Controlled by wireless remote.
 Size:80cm*28.3cm*1.8cm
 Test distance :5m.

WH11305 LED Distance Visual Acuity Chart



1) LED BACKLIGHT VISION TESTING(PATENT PRODUCT)
 Standardized and uniform illumination
 Clearly printed optotypes
 Can be placed on a table, or hung on a wall
 Power supply:AC100~240V(by power adapter), or DC 12V (by optional battery)
 2) Test distance :3m. with remote control
 3) There are E Chart, number chart, letter chart, child chart. etc.

WH0701/WH0704 LED distance visual Acuity Chart



WH0704

WH0701 is E chart.

Test distance 3m
 LED backlight vision testing(patent product)
 Size:58cm*52cm*1.8cm

SNELLEN LED Distance Visual Acuity Chart



LED BACKLIGHT VISION TESTING(PATENT PRODUCT)
 Standardized and uniform illumination
 Clearly printed optotypes
 Can be placed on a table, or hung on a wall
 Power supply:AC100~240V(by power adapter), or DC 12V (by optional battery)
 Size:710*283*18mm
 Use distance:6M

WH0205 CHILD CHART



LED BACKLIGHT VISION TESTING(PATENT PRODUCT)
 Standardized and uniform illumination
 Clearly printed optotypes
 Can be placed on a table, or hung on a wall
 Controlled by wireless remote, or by manual
 Power supply:AC100~240V(by power adapter), or DC 12V (by optional battery)
 Including optotype, astigmatism chart ,red/green bar,Each part can be illuminated separately.
 Size:80cm*28.3cm*1.8cm
 Test distance :5m.
 Remote control , optional

WH-37B LED Distance Visual Chart



Led Light
 5M working distance.
 There are Letter charts, C charts, child charts, E charts optional

Polarize glasses



RS0078 Flipper



Plasstic frame, there are 0.25
 0.50 1.00 1.50 2.00

RS011 Metal Flipper



The lens there are 0.25 0.50 1.00 1.50 2.00

RS009 Maddox test



White and Red Maddox lens each.
 Rim/handle in silver luster
 Handle length:68mm

RS010 Confirmation Test



RS008 Cross cylinder



There 0.25 0.50 0.75 1.00 2.00
 power option.

RS0079 Adjustable PD scales engraved and color painted



RS012 Occluder



RS013 Occluder



RS014 Occluder with pinhole



RS015 Imitative eye



RS017 Red and Green Lens



Eye Model



4 Dot Tester light



Chinrest



RS2009 Vision chart software



With remote control
With CD .

FE-600 Patternless auto lens edger

Tracing system:

3D lens scanner, top quality in China.

Integrating the optical scanning and center finding.

Accurately getting the size and shape of sample lens only needs 3 seconds.

Real-time image, leading and confirming if the lens arrived the most appropriate centric position.

Automatically avoid the effect of lens degree, prism and artificial parallax.

HR800*600, 8" color and touch screen .

Simultaneously connect 2pcs FE-600 Auto edgers to build a machining center.

Easy operation ,low breakdown rate and quick service.

Edging system:

A variety of material of lens can be processed , rapid edging to be molding.

Bevel or platband can be polished.



Various grinding pressure meet the demands of different lenses.
On-line function.

Specification :

FE-600 Auto edger,

Dimension:65*45*47cm

Weight:59KG

Power supply:AC220v/50hz

,or 110V 60HZ

Max power :800W

Tracer center.

Dimension:30*25*35cm

Weight 7.7kg.

Power supply:AC230V/115V,

50*60Hz.

Power 30W.

RS-8000 Auto lens edger

Patternless auto lens edger with lens scanner .

Edging system

1.Avarious of materials of the lens can be processed, rapid edging to be molding .2.Bevel or platband can be polished .3.Various grinding pressure meet the demands of different lenses.4.On-line function .

Tracing system:

1.set the optical scan, the center of positioning as one .

2.It takes 0.5 seconds to get the frame shape of the frame

3.Real-time imaging guidance confirms whether the best center position is reached.

4.Automatically eliminate the lens degree, prism and artificial parallax effect

5.High resolution 1280*800 tru color 7 inch touch screen

6.At the same time connect two RS8000 automatic milling machine composed of processing center

7.Simple operation , low failure , maintenance-free.

Auto lens edger Technical Data

Dimension :625mm*510mm*510mm

Weight :49kg

Voltage :AC 220V/110V , 50/60Hz.

Power :550W

Lens size range :Diameter 22-80mm



Clamping pressure: Third gear adjustable
Wheel diameter :100mm

Auto lens scanner Technical Data

Dimension:240mm*180mm*130mm

Weight:5kg

Voltage:AC 220V/110V 50/60Hz

Power :60W

Screen tilt angle :20°-100°

Touch screen :7" capacitive screen

Quantity of connecting with the main machine:2 unit.

ALE-1000 Auto lens edger patternless

ALE-1000 Patternless auto lens edger , with ST1200 Scanner .

- 1.high-resolution 640*480.true color 5.7-inch LCD,display 1:1 actual size of lens graphics,icons,user-friendly operator interface.
- 2.smooth shape ergonomic design,main engine,scanners split type configuration.
- 3.many varieties of lens processing program,including the CR-39 resin piece,high flap lens,superhard diaphragm,glass,PC lens and Trivex lenses,which can fully meet the needs of the industry.
- 4.it has two modes of operation with the optical center/geometric center.
- 5.it can be corrected scanning data,including axis and the distance between nose and eye.
- 6.it has 100mm diameter grinding wheel,can be processed high curved lenses.
- 7.it has bevel polishing function,significant legislation glasses distinguished.
- 8.inheritance the tradition of LE Series lens edger security,stability,strong,durable.
- 9.high-precision three-dimensional scanning,fast and convenient.
- 10.it can be used to scan metal frames,plate frame,lining and template.
- 11.it can option around one or both eyes scan,frames automatic positioning,automatic calculation of the distance between the nose and eye.
- 12.automatic clamping frame,and automatically determine the frames,linings and template type.
- 13.optional slow to adapt to the special needs of certain frames.



	ALE-1000 Main engine	ST-2000 Scanner
Size	620*520*500mm	325*250*205mm
Weight	55kg	5kg
Power	AC220V/110V 50HZ/60HZ	AC230/115V 50HZ/60HZ
Voltage	500W	60W

RS-5118 Auto lens edger



Grind plastic lens, and glass lens .

Technical data:

Lens diameter: $\Phi 18\sim \Phi 80\text{mm}$
 Lens grinding pressure:0.45~1.10 MPa(multi-steps)
 Stand wheel diameter: $\Phi 100\text{mm}$
 The speed of the wheel:16.7 m/s.
 Power:AC220V(110V)50Hz(60Hz),400VA
 Working temperature:5 C~40 C

Size of the machine:510*410*470

Weight:48kg

This standard is grind plastic lens and glass lens, large clamp lens bearing , grind 18mm to 80mm lens.

Note, super small clamp lens bearing is optional. Small bearing can grind 14mm to 80mm diameter.

RS-5118A Auto lens edger



Can grind PC lens, glass lens, and plastic lens.

There is key on the panel to select which kind lens you want to grind.

Technical data:

Lens diameter: $\Phi 18\sim \Phi 80\text{mm}$
 Lens grinding pressure:0.45~1.10 MPa(multi-steps)
 Stand wheel diameter: $\Phi 100\text{mm}$
 The speed of the wheel:16.7 m/s.

Power:AC220V(110V)50Hz(60Hz),400VA

Working temperature:5 C~40 C

Size of the machine:510*410*470

Weight:48kg

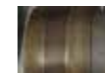
It can grind polycarbonate lens, plastic lens and glass lens.

Note, super small clamp lens bearing is optional. Small bearing can grind 14mm to 80mm diameter



RS5118A Wheels.

RS-5218Auto lens edger



Wheels.

Can grind PC lens, glass lens, and plastic lens. There is key on the panel to select which kind lens you want to grind.

Technical data:

Lens diameter: $\Phi 18\sim \Phi 80\text{mm}$
 Lens grinding pressure:0.45~1.10 MPa(multi-steps)
 Stand wheel diameter: $\Phi 100\text{mm}$
 The speed of the wheel:16.7 m/s.

Power:AC220V(110V)50Hz(60Hz),400VA

Working temperature:5 C~40 C

Size of the machine:510*410*470

Weight:48kg

It can grind polycarbonate lens, plastic lens and glass lens.

Note, super small clamp lens bearing is optional.

Small bearing can grind 14mm to 80mm diameter

RS-6500 Auto lens edger



2016new arrival china auto lens edger CR/ GL / PC lenses.with bevel polishing function.

Technical data:

Lens diameter: $\Phi 18\sim \Phi 80\text{mm}$
 Lens grinding pressure:0.45~1.10 MPa (multi-steps)
 Stand wheel diameter: $\Phi 100\text{mm}$
 The speed of the wheel:16.7 m/s.

Power:AC220V(110V)50Hz(60Hz),400VA

Working temperature:5 C~40 C

Size of the machine:510*410*470

Weight:48kg

This standard is grind plastic lens and glass lens, large clamp lens bearing , grind 18mm to 80mm lens.

Note, super small clamp lens bearing is optional.

Small bearing can grind 14mm to 80mm diameter.

ALE-420 Auto lens edger



Grind CR/ GL / PC lenses with bevel polishing function.

Technical data:

Lens diameter: $\Phi 18\sim \Phi 80\text{mm}$
 Lens grinding pressure:0.45~1.10 MPa(multi-steps)
 Stand wheel diameter: $\Phi 100\text{mm}$

The speed of the wheel:16.7 m/s.

Power:AC220V(110V)50Hz(60Hz),400-VA

Working temperature:5 C~40 C

Size of the machine:510*410*470

Weight:48kg

CP-4A Mini Lens Cutter



Put a lens which has been marked the axis on the lensmeter and layout blocker into the position of the lens and then fix it by the left knob and be ready to cut

Quick speed of cutter

Imported milling cut

With a knob to control the size of lens to cut

HM-1 Hand edger



3 wheels operating together, rough, fine, groove grinding with a special lamp, convenient operating
 Power: 220V/50Hz 110V/60Hz 120W
 Size: 395MM*245MM*295MM

HM-2 Hand edger



Standard wheel is wide 35WV wheel , with rough ,fine, and Bevel
 Power: 220V/50Hz 110V/60Hz 120W
 Size: 440MM*320MM*240MM

HM-3 Hand edger



Standard wheel is wide 35WV wheel , with rough ,fine, and Bevel
 Power, 110V/220V 50/60Hz 120W
 Size: 435*315*315MM

HM-4 Hand edger



Standard wheel is wide 35WV wheel , with rough ,fine, and Bevel
 Power: 110V/220V 50/60Hz 100W
 Weight: 5KG
 Size: 470MM*310MM*117MM

HM-5 Hand-edger& polisher



Standard wheel is wide 35WV wheel , with rough ,fine, and Bevel
 Polishing Wheel
 Power: 110V/220V 50/60Hz 100W
 Size: 395mm*245mm*300mm

HM-5A Hand Edger & Polisher



With 3 pcs wheels, Rough, Fine, and beveling .
 Size:36*22*19CM
 Weight 7KG
 Electric Voltage: 220V/50Hz or 110V/60Hz
 Power:120W

HM-6 Hand edger



Standard wheel is wide 35WV wheel , with rough ,fine, and Bevel
 Size:36*16*18CM
 Weight :7kg
 Electric Voltage: 220V/50Hz or 110V/60Hz
 Power: 120W

CP-7-35WV Small Hand edger



Standard wheel
 Size:350*220*210mm
 Weight :5KG.
 Power:110/220V 50/60Hz DC80W

CP-11A-35WV Hand Edger



Wheel with double support
 Size: 490*290*300mm
 Weight :9KG
 Power:110/220V 60/50Hz, AC120W

NH-300 / NH-300G Frame Heater



NH300

NH300G

NH300 Can not adjust the temperature .
NH300G can adjust the temperature

Main feature:

- Heat frames fast and evenly
- Electronic adjustable cold and hot temperature
- Simply switch over cold and hot air
- Auto shut-off after 5 minutes without operation

Technical data:

Size: 200*150*170MM
Weight: 2KG
Power: 220V/110V 420W

NH-320 Frame heater



NH320 there 3 buttons to adjust temperature

Main feature:

There are three buttons to adjust the temperature

Technical data:

power for heating coil: 480W

power for induced fan: 6W

Air flow rate: 2.0M/S

Temperature setting: temp.1: 80℃,temp 2:100℃

Power: 220/110v 50Hz/60Hz 500W

Heating temperature (Max.): 100℃

Noise: ≤70Db(A)

NH-320F Frame Heater



Main feature:

Rapid heating and strong air output
Heat glasses frame fast and evenly
Temperature adjustment function to ensure a temperature required

Technical data:

power for heating coil: 580W

power for induced fan: 6W 风速1.8M/S

Temperature setting: 50℃,65℃,80℃,95℃,110℃

Power: 220/110v 50Hz/60Hz 600W

Heating temperature (Max.): 110℃

Noise: ≤50Db(A)

NH-202A Frame heater



Frame heater

Power: 220V/50Hz or 110V /60Hz

Rated power: 250W

SIZE: 310*250*160MM

Temperature: 140° C~150 ° C

NH-202C Frame heater



Frame heater

1.Voltage:220V/50HZ or 110V/60HZ

2.Power:500W

3.Temperature:100°C

CP-19AT /CP-19T Frame heater



CP-19AT



CP-19T

CP19AT , can adjust the temperature , with LCD screen

CP-19T , can not adjust the temperature , without LCD screen

Main feature:

- Rapid heating and strong air output
- Heat glasses frame fast and evenly
- Temperature adjustment function to ensure a temperature required

Technical data:

power for heating coil: 580W

power for induced fan: 6W 风速1.8M/S

Temperature setting: 50℃,65℃,80℃,95℃,110℃

Power: 220/110v 50Hz/60Hz 600W

Heating temperature (Max.): 110℃

Noise: ≤50Db(A)

CP-19C Frame heater



glasses frame heater

- 1 Uniform and quickly heats up
- 2 Adjustable temperature
- 3 Heating range:70 ~130 degree

This frame heater with classic appearance, quickly and uniformly heats up to eliminate wait time. The unit has temperature adjusting knob that allows range from 70°C to 130°C. It is safe and easy to use Just simply put the frame in the frame cup, and then it works

RS-3G Digital lens driller



RS-3G Digital lens driller

Main Functions

- * The operation procedures are highly intelligent and totally digital.
- * Compared to the hole position of the pattern lenses, it has higher process accuracy whose process deviation is less than 0.075mm in both X-axis and Y-axis.
- * It has auto_position clamping equipment which allows to remain the same process accuracy after the change of clamps.
- * The screen shows the drill position and coordinates data, and gives guidance to the operation.
- * The hole position memory function allows to process the set hole positions continuously.

- * There're two measure modes to choose which are original pattern measure mode and frame position measure mode.
- * It has mirroring mode in the process.
- * The head can automatically reposition if it's removed from its position accidentally.
- * The instrument drills automatically in a set order, and can be corrected by pressing the number button if any hole is missed by wrong operations

RS-10 Demo Lens Driller



Main Feature:

To drill the frame demo lens to act as lens pattern use for auto lens edger .

Technical data:

Size: 200mmX200mmX100mm
Weight: 4KG
Power: 220V/50Hz 110V/60Hz

RS-9 Lens driller



Main Feature:

Drill the lens for frameless lens.

Technical data:

The size of the hole: $\Phi 1.5 \sim \Phi 2.5 \text{MM}$
Package size: 240MM*190MM*320MM
Weight: 5KG
Power: 220V/50Hz 110V/60Hz

RS-998 Lens Drilling & Notch-cutting Machine



This machine is multi-functional special-purpose equipment for perforating and grooving of rimless frame. The adjustable groove-cutting device to get accurate depth of groove cutting. Diameter of hole: 0.8mm-2.8mm, width of groove: 0.8-1.0mm.

Parameter:

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 25W
Weight: 3.5kg
Volume: 25.5(L)x23(w)x35(H)cm

RS-7 Lens Groover



For semi-frame lens .

Technical Data:

Size: 210mm*220mm*220mm
Weight: 4kg
Power: 220v/50Hz 110v/60Hz

RS-12 Auto Lens Groover & Beveller



Detailed Product Description:

- 1, It made of stainless steel parts, stainless steel panel with groove, DC motor, imported diamond wheel.
- 2, Suitable for PC, plastic, glass lenses.
- 3, Groove width: 0.65mm.
- 4, Lens diameter: From 18 to 70mm.
- 5, Chamfer angles of lenses can be controlled automatically precisely.

- 6, Suitable for plastic and glass lenses.
- 7, Automatic chamfering speed quickly.
- 8, With timing function (0 - 120 seconds range).

Parameter:

Electric Voltage: 220V/50Hz or 110V/60Hz
Power: 80W
Weight: 4kg
Volume: 33(L)x26(w)x19.5(H)cm

CP-3PCG Lens Groover



Round clamp head .

Groove depth : 0-0.7mm
Groove width: 0.65mm
Lens thickness: from 1.5 to 11mm
Lens Dia: 18 to 70mm
Power: 90W.
Weight : 3kg

RS-11 Lens Saw Groover



For cut frameless lens .

RS-8800 Ultrasonic Cleaning



Main feature:

stainless cover

Technical data:

Frequency: 42KHz

Power: AC220V 30W

Cleaning trough: 145*80*65(mm).

RS-8820 Ultrasonic Cleaning



Main feature:

Stainless steel cover

Technical data:

Frequency: 40KHz

Out size: 200*120*145(mm)

Tank size :175*115*60mm

Tank Capacity:1000ML.

Power:70w and 30w , there is button to select, high 70w, low 30w.

Power: AC220V± 10%, 50Hz 110V 60Hz

CD-2800 Ultrasonic cleaning



Specification

Tank Capacity: 600 ml Maximum Level: 500 ml

Power Supply: 26W AC100V, 50/60Hz;

35W AC100-120V, 60Hz;

50W AC 230V, 50Hz

Frequency: 42,000Hz

Unit Size: 20.0x12.5x14.0 cm (7.8"x4.9"x5.5")

Inner Carton Size: 26.0x16.7x18.0 cm (10.2"x6.5"x7.0")

Net Weight: 0.78 kg

CD-3800A Ultrasonic cleaning



Specification

Tank Capacity: 600 ml Maximum Level: 500 ml

Power Supply: 35W AC100V, 50/60Hz;

35W AC100-120V, 60Hz;

50W AC220-240V, 50Hz

Frequency: 42,000Hz

Unit Size: 21.0x14.5x14.0 cm (8.2"x5.7"x5.5")

Inner Carton Size: 26.1x16.9x18.1 cm (10.2"x6.6"x7.1")

Net Weight: 1.0 kg

CD-4800 Ultrasonic cleaning



This series is different from the Standard and the Digital Series as it is not made for a wide range of applications, rather it is focused on the specific applications

Specification:

Tank Capacity:1400ml Maxmum Level:1100ml

Tank Material:Stainless steel USU304

Power Supply: 60W-AC 100V,50/60Hz

60W AC100-120V,50/60HZ;

70W-AC 220-240V,50Hz

Frequency:42,000Hz

Unit Size:230*185*160mm

Inner Carton Size:268*220*210mm

Net Weight:1.7kg

Unit Weight of Inner Carton:2.2kg

CD-2900 Contact lens ultrasonic cleaner



This series is different from the Standard and the Digital Series as it is not made for a wide range of applications, rather it is focused on the specific applications

Specification

Tank Capacity: 8 ml

Power Supply: AC100-240V , 50/60Hz , 7W

Frequency: 46,000Hz

Unit Size: 10.4x7.0x5.0 cm (4.0"x2.7"x1.9")

Inner Carton Size: 23.5x14.0x6.0 cm (9.2"x5.5"x2.3")

Master Carton Size: 49.0x34.0x44.0 cm (19.2"x13.3"x17.3")

Net Weight: 0.2 kg (0.4 lb)

Unit Weight of Inner Carton: 0.4 kg (0.9 lb)



CP-008 Ultrasonic Cleaner



0.8L Stainless steel material .



HD602 HD610 HD607 HD609 HD611 HD504 HD702 HD708



HD801 HD809 HD812 HD822 HD711 HD711-1 HD705 HD707



HD715 HD716 HD734 HD734-1 HD723 HD724 HD735 HD738



HD729 HD826 HD831 HD830 HD008 HD007 HD001 HD005

CT31105 Tool Package



Quantity of the tool, total:23pcs.
 Pliers:12pcs.
 Screwdrivers:8pcs.
 File:1pcs.
 Welding torch:1pcs.
 Type of pliers:select the different type.

CT31102 Tool Package



Quantity of the tool total:16pcs.
 Pliers:9pcs.
 Screw drivers:6pcs.
 File:1pcs.

CT31101 Tool Package



Quantity of the tool, total:13pcs.
 Pliers:7pcs.
 Screw drivers:6pcs.

CT31108 Tool Package



It is for half frame and frameless optical frame.

CT31109 Tool package



It is for frameless .

CT6209A Tool package



There are 10PCS of stainless pliers.
6PCS of screws drivers.

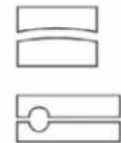
CT6211A Tool Package



There are 9PCS of stainless pliers.
6PCS of screws drivers.

Stainless steel Pliers.

CT3021 Temple Adjusting Pliers



CT3175 Hinge Adjusting Plier



CT3025 Plat Semicircular Nose Pliers



CT3065 Pad Adjusting Pliers



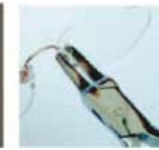
CT3066 Inclination Pliers



CT3067 Adjusting Pliers for Imported Box Joint Pads



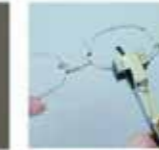
CT3068 Pad ARM Adjusting Pliers



CT3076 Lens Aligners Pliers



CT3078 Nylon Eyewire Shape Pliers



CT3079 Nylon Eyewire Shape Pliers



CT3163 Flat Bit Tongs



CT3172 Rimless Frame Adjusting Pliers



CT3173 Nylon Eyewire Shaper Pliers



CT3162 Side Cutter



CT3158 Screw Cutter



CT3024 Round Snipe Nose Pliers



CT31159 Screw Driver



CT-10 Screw Driver



Small Screw key Chain



RS-50B Nose Pad and Screw Kits



Large blue plastic case
double layer
there is nose pad and screws kits inside
size is 250*190*50MM
Screw is 100pcs*48 =4800pcs
nose pad ,15pairs*24=360pairs

RS21 Small Nose Pad Kits



RS20 Small Glasses Screw Kits



RS-30B Screw Extractor for Glasses



Screw extractor tool

CP-33 Screw Extractor



RS016 Thickness apparatus



Measure lens thickness
Measure scope:0-10 Accuracy:0.1
Throat width:45mm

RS018 Radian Apparatus



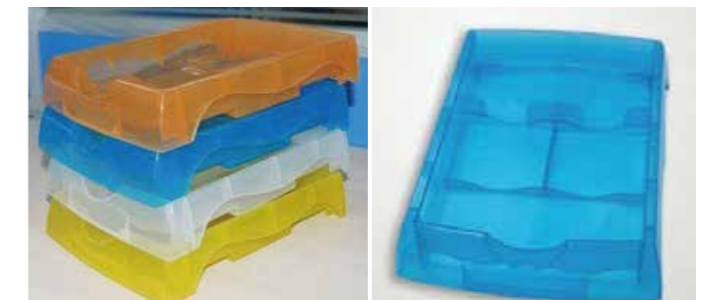
For plastic lens. 1.499 ,1.56 ,1.60 index.

RS019 Radian Apparatus



For glass lens.

RS020 Job Tray



40pcs one large carton

NH900 Auto Lens Polisher



UV420 Blue Spectrum Analyzer



This machine is designed to help demonstrate how our new lens can block the 400nm~420nm range of high Energy Visible (HEV) light in addition to UV light.

CP-8A Lens Polisher



CT5001 Tinting Bath



6 pots , temperature adjustable .
stainless steel material

CT5002 Tinting Bath



4 pots , temperature adjustable .
stainless steel material

RS-818 UV Tester



Available for testing UV-400 lens, anti-radiation lens, true and false currency.

RS 838 Photochromic Lens Tester



In indoors or under the sun to test the lens whether photochromic Lens, or test the photochromic Lens's color.

UV-888 UV &Photochromic lens tester



Combination tester available for testing UV-400 lens, anti-radiation lens, and photochromic lens .

CP14B , Photochromic Lens Tester



Can place 4pcs lens

CP-18C UV and Photochromic Lens Tester



PM-9 Pattern Maker



For scan full frame glasses and make patterns.

PM-400A Pattern Maker



Detailed Product Description:

- 1.Lens clamping device, easy for operation.
- 2.With three suction cup of Takubo, Briot and Topcon, easy to swap for a different lens edge.
- 3.Cutting templates speed quickly and processing accurately.

PM-400AT Pattern Maker



RS-8 Lens Blocker



RS111 Double Side Adhesive



There are three size: 1000 pieces for Large/Middle/Small Size 24MM,20MM,18MM

RS222 Double Side Adhesive



There are three size: 1000pieces for Large/Middle/Small Size 40*28MM,40*26MM,40*18MM

CP-12A Lens Stress Tester



CT1201 Lens Stress Tester





We have all kinds of stock lens , and RX lens .
The index , 1.499 1.56,1.591, 1.61 ,1.67, 1.74.
And have all kinds coating , UC HC , HMC, SHMC
White lens, or Photochromic lens .
Single vision ,or progressive lens , , flat top , round top etc .
Recently , our Photochromic UV420 Blue-cutting is sold very well, Very high quality .

