

Clinical CAD CAM

3shape 

SHINING 3D
DENTAL





CREATE IT,

Unicorn DenMart committed to their clients for Persistent Technological Developments.
We, at **Unicorn DenMart** are determined to build Spectacular Digital Experiences.
We Work Hard, so you can **Work Smart**.

Welcome to the World of Digitization.

RELEVANCE

CONFIDENCE

INNOVATION

TOMORROW

PROFESSIONALISM





PRECISION

SMILE



Intra Oral Scanner

TRIOS[®] is more than an impression

The Scanner uses confocal microscopy along with ultra fast optical sectioning technology to scan.



Fast & Easy

Scanning has never been easier for dentists and assistants.



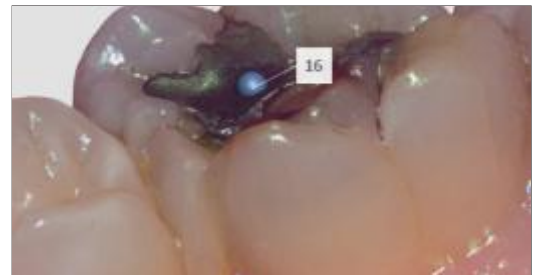
RealColor[™] Scans

Create high quality digital impressions in lifelike colors.



Shade Measurement

Measure teeth shades while you scan for more accurate & predictable results



IOC & HD Photo

Enhance significant details & accurately set the margin line. No need for separate intraoral camera

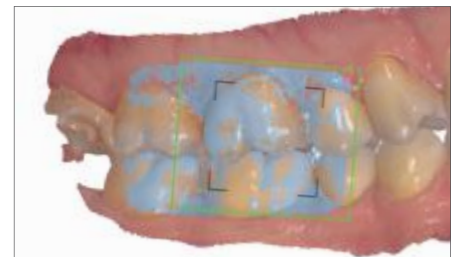
Powerful scan and validation tools



Automatic soft tissue removal

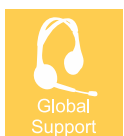


Easy view, edit, rescan



Automatic bite registration

Backing dentists with care, technology and expertise



TRIOS® 5 Wireless

TRIOS 5 Wireless - Meet the 5th Generation TRIOS

The Most Powerful 3shape Intraoral Scanner To Date!



Intelligent. The ultimate TRIOS.

Next-level ergonomics. Effortless scan technology. Hygienic by design.

Our new scan engine avoids stitching errors by reconstructing and building up the 3D model while scanning.

POD Size: pod diameter 11 cm & Weight: 380 g

Place your TRIOS 5 on the pod in any orientation while not scanning. The pod has been designed for easy cleaning and disinfection between patients for optimal hygiene.



THE SCANNER : Weight (incl. battery): 299 g

Light source: LED

Output format: PLY, DCM and STL

Scanner dimensions (LxWxH cm): 26.6 x 3.7 x 3.8

Tip dimensions (LxWxH cm): 9,5 x 2,26 x 1,95



BATTERY AND USAGE

TRIOS 5 wireless comes with three rechargeable batteries.

Battery duration (non stop scanning): Instant heating and up to 66 minutes of continuous scanning per battery.

Scanner sleep mode: The scanner can stay in sleep mode with the battery inserted for more than 7 days.

Battery charging time: 60 minutes to achieve 80% battery power. Less than 2 hours to achieve 100% battery power.

WIRELESS RANGE

Same room, up to 15 meters.

Scanning over WiFi possible with TRIOS ShareNEW TRIOS 5



Body sleeves

TRIOS® 5 Wireless

Effortless scanning

With five generations of experience up our sleeve, we know a thing or two about what makes or breaks a dental scan experience. With TRIOS 5, we've made scanning even smoother, faster and easier.

Calibration free

The scanner is calibration free, meaning you don't need to calibrate after a certain number of scans. It's always ready to use!

Smart haptic feedback

Switching focus between patient and screen can be distracting. That's why the scanner uses haptics – a subtle vibration – to give you feedback.



LED to indicate readiness

A LED ring on the scanner indicates the status of the scanner: it tells you when it's connected, low on battery, or the tip is ready, for example. You'll know if you're scan-ready with just a glance.

Remote control button

Use your scanner as a remote control. Point to the screen and use the button to select your next step or rotate the 3D model. There's no longer the need to touch (and clean) the mouse.

INNOVATIONS INCLUDE:

- ✦ 30% smaller and 20% lighter compared to TRIOS 4. Made to fit perfectly in your hand.
- ✦ Introducing ScanAssist, providing you with easier scanning independent of scan strategy.
- ✦ Improved battery technology, requiring only one battery per day.
- ✦ Truly effortless: calibration free scanner.
- ✦ LED ring and haptic feedback for better user guidance.
- ✦ Two-button design for improved software navigation and scan analysis.
- ✦ Autoclavable scan tips providing a microbial barrier on the scan tip.
- ✦ Body sleeves to significantly reduce risk of cross contamination.
- ✦ Closed tip design to avoid cross contamination.
- ✦ Scanner body has been designed for cleaning and disinfection.



Sealed Scratch Free Sapphire Glass



Autoclavable Tip

TRIOS® 4



Caries diagnostic aid*

The world's first intraoral scanner with digital detection of possible surface caries** without the need for an additional scanning device With fluorescent technology

Smart tips

New generation of tips with instant-heat technology so you are scan-ready in seconds, and enabling 30% additional battery life.

- ✦ Weight (incl. battery): 375 g
- ✦ Light source: LED
- ✦ Output format: PLY, DCM and STL
- ✦ NEW TRIOS 4 INNOVATIONS INCLUDE: Improved Wi-Fi
Powerful new processor provides stabilized internet connection for enhanced productivity, and smart cord for convenience.
- ✦ Instant-heat smart tips and extended battery life: New generation of smart tips with no-wait heating technology so you are scan-ready in seconds and boosting TRIOS battery life by 30%.
- ✦ Caries diagnostic aid*: Digital detection and early intervention of suspected surface caries, with upcoming option to simultaneously perform a standard 3D scan and surface caries scan in one sweep with ** With fluorescent technology
- ✦ With excitement Application

INDICATIONS FOR USE

- ✦ The 3Shape TRIOS 4 IOS digital images are indicated for use in:
 - ✦ Restorations
 - ✦ Orthodontics
 - ✦ Implantology
 - ✦ Assessment of dental status

BATTERY

TRIOS 4 wireless comes with three rechargeable batteries.
New batteries provide ≈ 45 min. continuous scanning time (for a new battery).

** With fluorescent technology

TRIOS® 3 Color Pod



TRIOS®3 Approved for Invisalign Case submission



TRIOS®3 Pod for connection of the TRIOS® Scanner to a computer. A mobile and flexible alternative to the cart solution, e.g., for dentists working in multiple locations or for clinics with limited space.

TRIOS® 3 Scanner

Handheld 3D scanner with Ultrafast Optical Sectioning™ Technology for powder free intraoral scanning in Colors. Capable of measuring shades of teeth and adding HD photos to the 3D model. Available with pen grip.

Software

TRIOS® Digital Impression software with integrated 3Shape Communicate™ interface. Excitement Applications is included

- ✦ Trueness (accuracy): $6.9 \pm 0.9 \mu\text{m}$
- ✦ Precision (consistency): $4.5 \pm 0.9 \mu\text{m}$
- ✦ Weight: 340 g
- ✦ Light source: LED
- ✦ Output format: PLY, DCM and STL
- ✦ With excitement Application

INDICATIONS FOR USE

The TRIOS 3 allows for patient excitement and in-house design and production. It supports the following indications:

- ✦ Implants (single abutments)
- ✦ Orthodontics*
- ✦ Veneers
- ✦ 3-unit implant bridges
- ✦ Post & core
- ✦ Inlays
- ✦ Single crowns up to 5-unit bridges
- ✦ Onlays

TRIOS® Move +



Excite Your Patients & Advance Case Acceptance

TRIOS® Move+

TRIOS MOVE+ is a new larger TRIOS monitor. The workspace is 36% bigger than TRIOS MOVE- 15.6" vs. 13.3" - and it comes with a USB port at the back of the screen.

TRIOS® 3 Scanner

Compatible with TRIOS® 3 Color & TRIOS® 3 Wireless in both, Pen & Handle Grip.

Software

TRIOS® Digital Impression software with integrated 3Shape Communicate™ interface.

- ✦ Weight: 14 kgs
- ✦ Display: 15.6" (16:9) touch*
- ✦ Resolution: 1920 x 1080
- ✦ Processor: Intel i7 Quad core
- ✦ Disk storage: 1 TB SSD

The 3Shape TRIOS MOVE+ is the ultimate communication tool taking active patient involvement to the next level.

Flexibility

TRIOS MOVE+ features an ergonomic, 15.6" movable HD touchscreen* with USB port that allows you to easily share your digital scans, images, and treatment plan with patients. This helps patients picture their final results and ultimately, advance case acceptance.

Performance

TRIOS MOVE+ also features a powerful, custom PC specifically designed for use with all 3Shape TRIOS scanners to give a fast and smooth scan experience straight out of the box.

Excitement Apps

TRIOS Smile Design:

Design a smile in just minutes & share the photo-realistic images with your patients



TRIOS Treatment Simulator :

TRIOS Treatment Simulator automatically generates a simulated result of the orthodontic treatment, side-by-side with their current dentition. This can be used to help facilitate patient engagement to increase treatment acceptance rates. You can also adjust individual teeth to create the perfect smile



TRIOS Patient Specific Motion:

Your digital articulator using the patients own jaw movements to highlight occlusal contact points for a better fit



TRIOS Patient Monitoring:

Use your TRIOS to monitor developments in your patients' dental status over time and to gain insight for preventive care.



Visit 2



Visit 3



Difference Map

Digital Orthodontics

3Shape Clear Aligner Studio

Clear Aligner Studio is the fast and easy way to bring clear aligners into your lab's production workflow. Clear Aligner Studio's guided workflow takes you through the process and steps you need to complete clear aligner cases. Choose the production



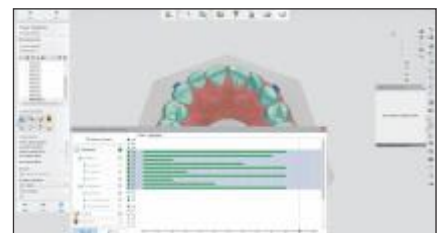
One integrated workflow

Quickly scan, design and prepare files for production using one integrated workflow



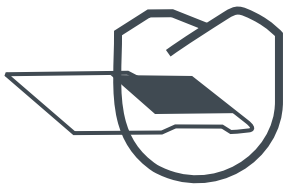
Increased efficiency

Save time and increase efficiency with new automated features : ID tagging, attachment placing and more.

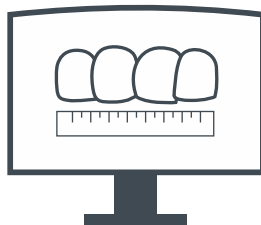


Full treatment control

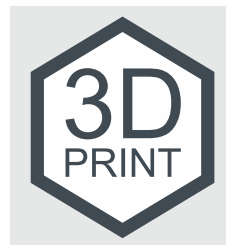
Get more control over tooth movements and improved visualization with enhanced setup and staging



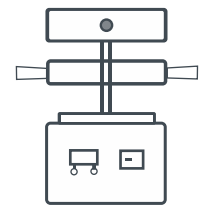
Scan



Design



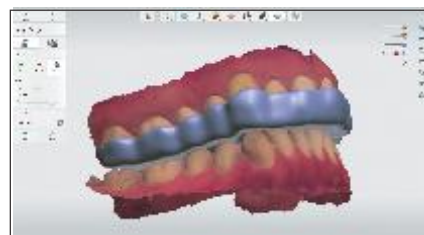
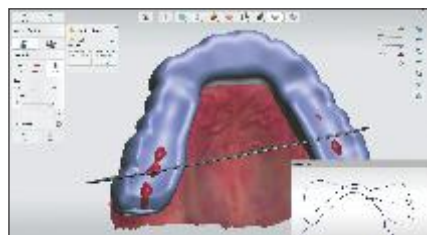
3D Print



Vacuum Pressing

3Shape Splint Studio

3Shape brings you a completely new splint design software that enable you to easily design splints, Night Guards and Protectors with just a few clicks. Efficient digital design and manufacturing of splints gives your lab an attractive opportunity to add a new offering with high profitability**.



Digital Implantology

Implant Studio™ - Surgical Guides at Lower Cost

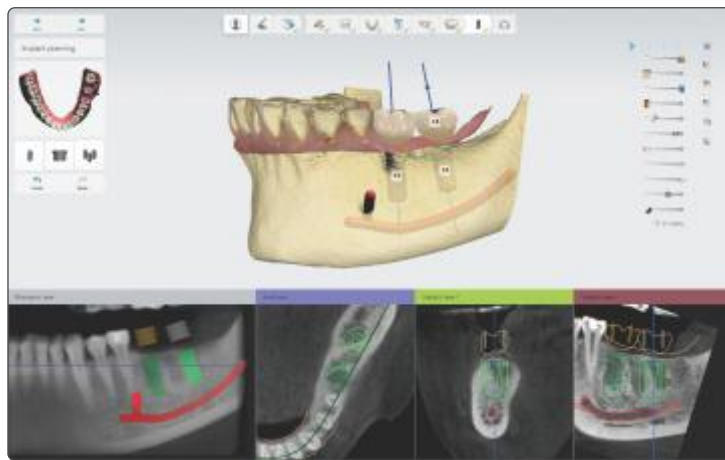
Surface Scan & CBCT Scan



Prosthetic Setup



Implant Planning



Guided Surgery



Provisional & final restoration



Design & produce guide



Trios Design Studio

Chair Side Dentistry



Scan



Design



Produce

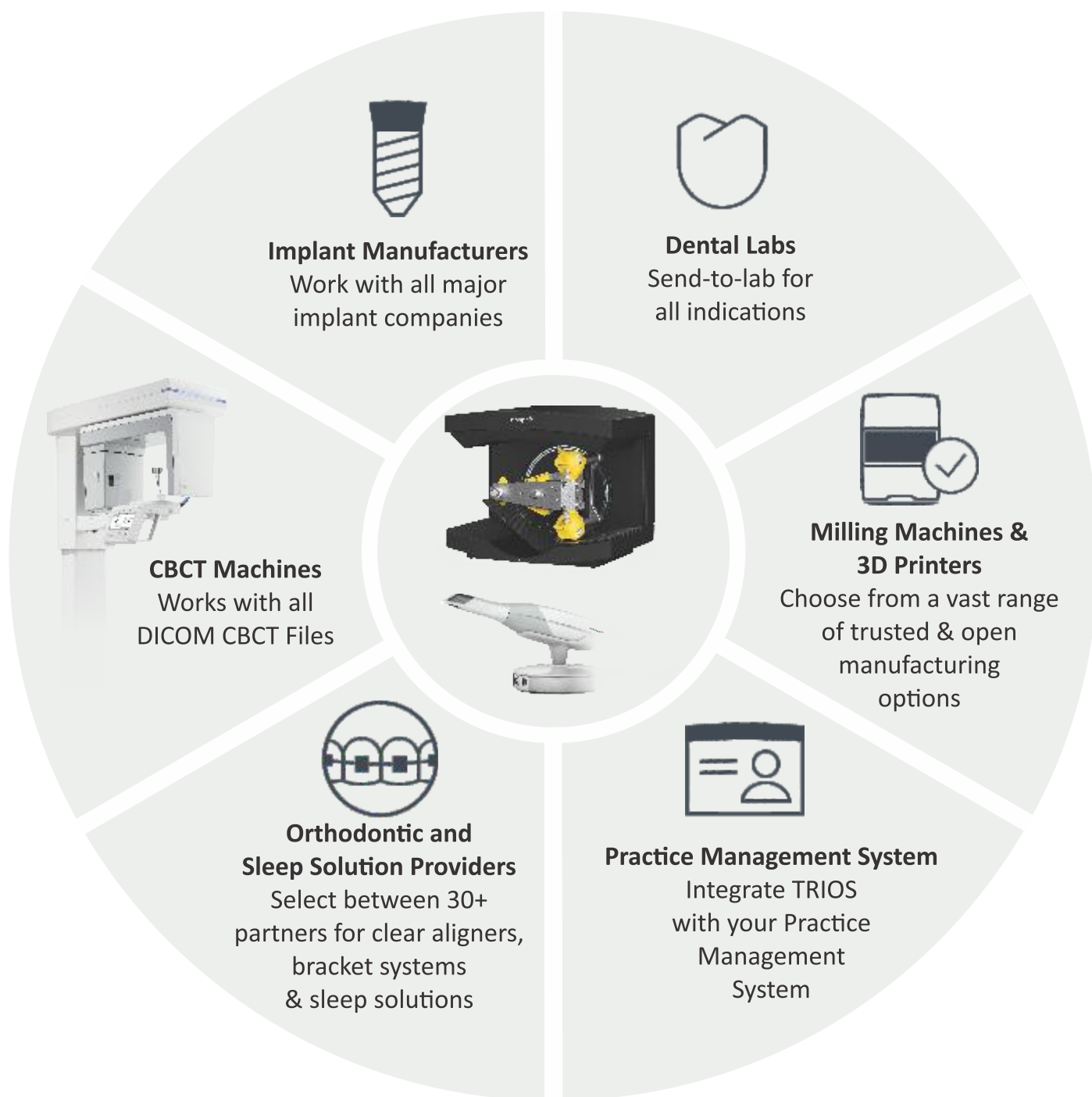
TRIOS Design Studio enables professionals to design and mill crowns, inlay/onlay, veneers and 3-unit bridges in the clinic in a simple and integrated workflow.

A range of 3rd party Trusted Connection mills are integrated via a validated in-house workflow. STL Export option for both scan and CAD files included for connection to other mills.

Details

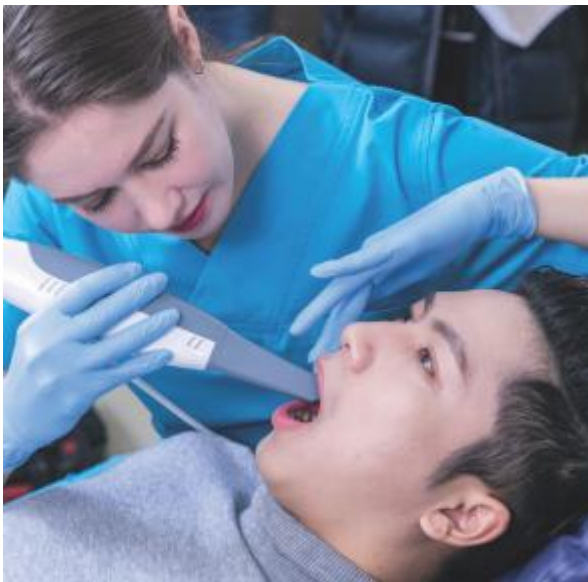
- ✦ Exclusively sold with new or existing TRIOS subscriptions
- ✦ Full Trios Design Studio CAD CAM software included
- ✦ TRIOS Scan Export (STL) included
- ✦ CAD export (STL restoration design file) option included
- ✦ Mill specific software license (CAM) may apply- contact reseller/mill manufacturer for information

Open Eco System



Aoralscan 2

Aoralscan simplifies the intraoral scanning experience. The ease of operation provides patients comfort while delivering reliable scan results. Aoralscan enables dentists and technicians alike to easily obtain digital impressions.



Powderless

No need for powder, guaranteeing a simplified scanning process & improving a patients' clinical experience.

Realistic Color

Real-time scan, realistic color, and a clear margin line.

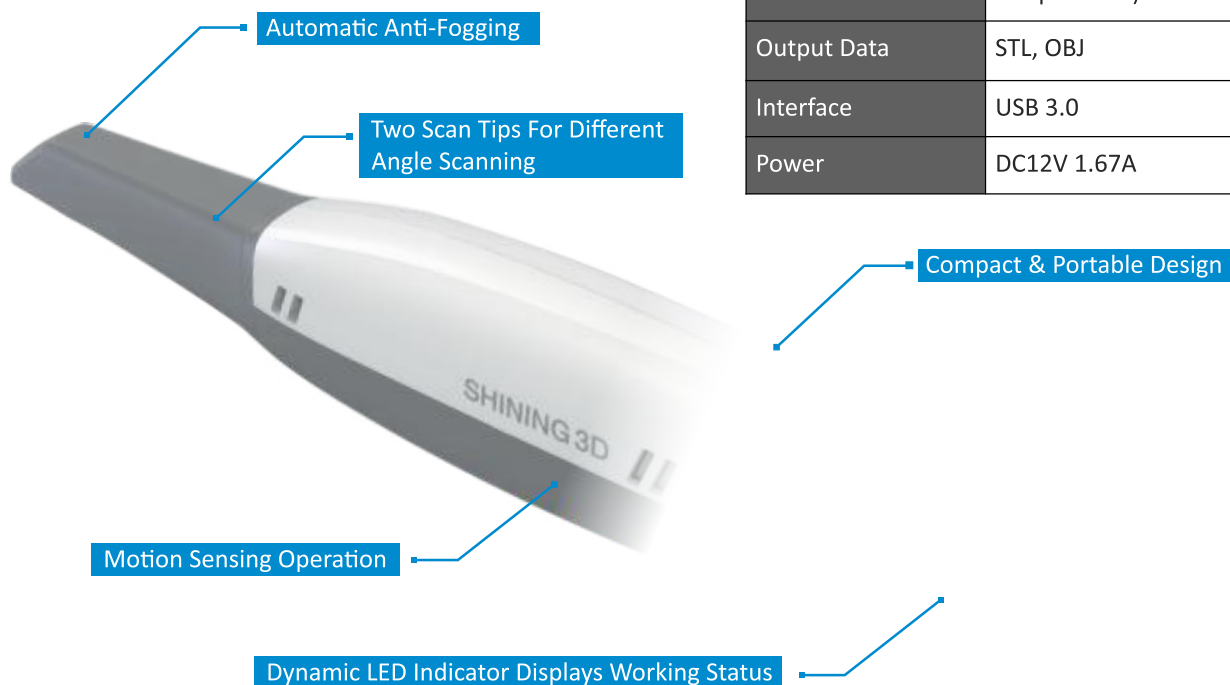
Easy Operation

Get started with ease through a user-friendly interface. Allows sterile scanning by a single technician or dentist using the motion sensing function.

Intelligent Scan

Self-developed scanning software integrates rich data processing functions to obtain high-quality digital impressions.

Adopting the technology of structured light, Aoralscan can obtain full-color 3D data of teeth and gums directly.



Technical Specifications

Scanning Speed	15 fps (video-based)
Temperature	10°C - 40°C (Accuracy can be influenced by too high or too low temperature)
Output Data	STL, OBJ
Interface	USB 3.0
Power	DC12V 1.67A

Aoralscan 2



MOTION SENSING

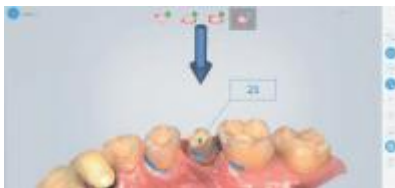
Users can operate the Aoralscan software and complete the scanning process without touching the PC by moving the scanner to give commands. This increases ease of use and promotes infection control in a clinical setting.

Data Cloud Platform

SHINING 3D's cloud data platform enables data transmission, making it convenient for order tracking and facilitating communication between clinics and dental labs.

Clinical Toolkit: The clinical toolkit can help users to evaluate the scanned data at clinics. This includes functions as "adjust coordinate", "extract margin line", "check bite", "mark teeth", "check undercut", etc. This facilitates effective communication between clinics and dental labs while saving time, ensuring high efficiency and quality for design and restoration projects.

Check Undercut



Check Bite



Adjust Coordinate



Mark Teeth



Extract Margin Line



Import To Exocad



Universal Application: The Aoralscan intraoral scanner can be applied for indications of implant, restoration, and orthodontics. Whether in instant chairside treatments or "clinic+dental lab" integration, the Aoralscan always provides a smooth user experience.



Aoralscan 3

SHINING 3D Intraoral Scanner

JUST SCANN IT



- ✦ One Button Control
- ✦ Light Weight (240g)
- ✦ Auto Anti-fogging
- ✦ Ergonomically Designed for Optimal Hand-Held Operation
- ✦ Dynamic LED Indicator

Technical Specifications	
Scan Field	Standard scanner tip: 16 mm × 12 mm × 22 mm
	Mini scanner tip: 12 mm × 9 mm × 22
Scan Principle	Non-contact scanner with structured light
Dimension (L × W × H)	281 mm × 33 mm × 46 mm
Weight	240 ± 10 g (without cables)
Output	STL, OBJ, PLY
Connector	USB 3.0
Power Input	12V DC/3 A

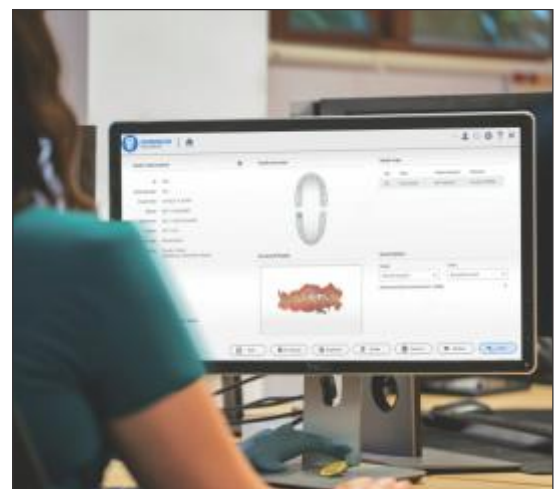
Key Features

- ✦ Fast speed, intuitive communication with motion sensing
- ✦ High accuracy, powerful AI process and realistic color
- ✦ Data cloud platform
- ✦ Ortho stimulation
- ✦ Model making with coordinate adjustments
- ✦ Oral health report - more informed, more engaged

Cloud Platform:

SHINING 3D's cloud data platform enables data transmission, making it convenient for data transfer and communication between clinics and dental labs.

- ✦ Online 3D Data Preview
- ✦ Order Statistics Analysis
- ✦ Order Tracking System

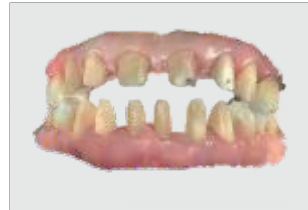


Aoralscan 3

Application:



Orthodontics



6-Unit Bridge



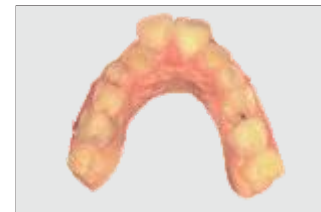
Veneer



All-on-6 Implant



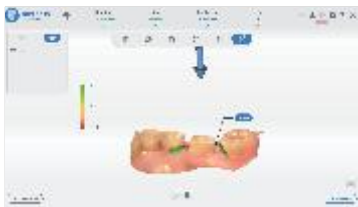
Inlay-onlay



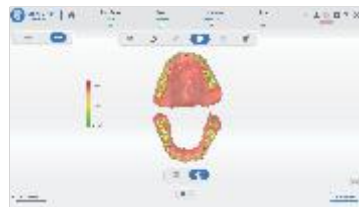
Pediatric Dental Care

Clinical Toolkit

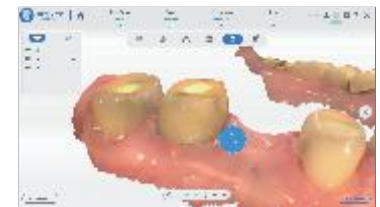
The clinical toolkit assists dentists to evaluate and pre-design the scanned data in their own clinic. It facilitates effective communication with dental labs to deliver quality dental work with high efficiency.



Undercut Check



Bite Check



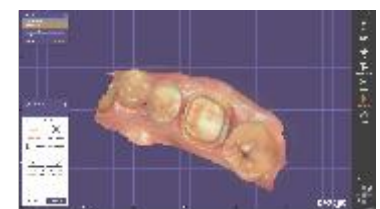
Margin Line Auto Extraction



Tooth Marking



Coordinate Adjustment



Direct Export Into Exocad

Ortho Treatment Simulator - See it, Believe it, Get it!

Before Tooth Setup



After Tooth Setup



Scan Me

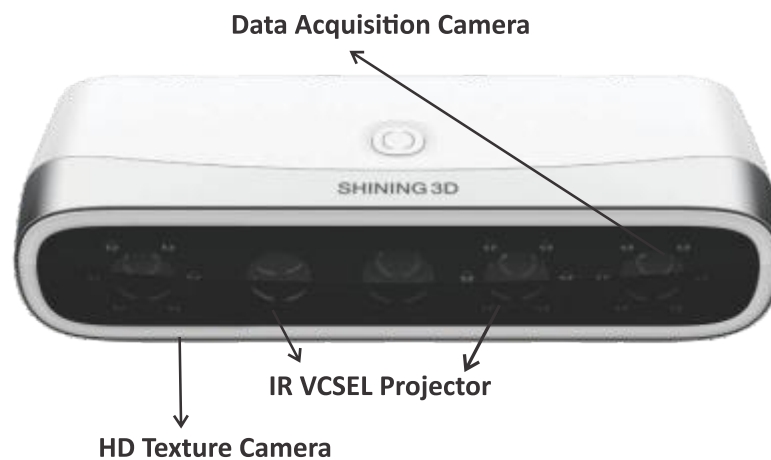
Show your smile to your friends & family even before starting your treatment.

MetiSmile - Dental 3D Face Scanner

Beyond Smile

Applications

The powerful and advanced software of the MetiSmile makes this product an indispensable tool for digital dental treatment, including maxillofacial surgery, implant and prosthesis, orthodontics, medical cosmetology, etc. It will take your clinic to the next level.



Fast Scan Speed

In just 10 seconds this highly perceptive scanner can take photos of patients from multiple angles to simultaneously construct a 3D facial data.

High Accuracy

Three 1.3 MP data acquisition cameras and one 5.0 MP HD texture camera produce scan accuracy within 50µm. MetiSmile also captures elevated details of the teeth.

High-fidelity Texture

The exceptional texture camera of the MetiSmile can accurately record and display facial color that appears realistic to the patient.

ADVANCED SOFTWARE:

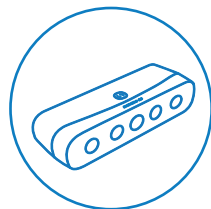
Auto Alignment Between Facial Scan Data and Intraoral Scan Data

The software will align the facial and intraoral scans which displays the patients' facial and oral information in a comprehensive way. The scans are overlapped to provide a better view and perspective for digital smile design that assists in creating more aesthetic restorations for patients.



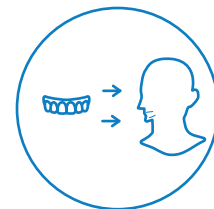
Step 1

Use Intraoral Scanner to add Intraoral data



Step 2

Use MetiSmile to Capture the Facial Data



Step 3

Import Intraoral Data to MetiSmile Software for Auto Alignment

MetiSmile - Dental 3D Face Scanner

Ortho Simulation



Facial Feature Measurement and Comparison



Mandibular Trajectory Tracking



Applications

The powerful and advanced software of the MetiSmile makes this product an indispensable tool for digital dental treatment, including maxillofacial surgery, implant and prosthesis, orthodontics, medical cosmetology, etc. It will take your clinic to the next level.

- ✦ Maxillofacial Surgery
- ✦ Implant And Prosthesis
- ✦ Orthodontics
- ✦ Medical Cosmetology
- ✦ Aesthetics Restoration

Good User Experience

- ✦ Handheld mode & Fixed mode
- ✦ Eye-friendly flashless scan thanks to infrared technology
- ✦ Automatic brightness adjustment ensures outstanding face texture
- ✦ Guided operation throughout the scan workflow
- ✦ Open system to export STL, OBJ and PLY
- ✦ Elegant and compact, only 800 grams



Technical Specifications - MetiSmile	
Resolution	Data Acquisition Camera: 1.3 Mega Pixel
	HD Texture Camera: 5.0 Mega Pixel
Accuracy	50µm
Field of View	With working distance 500mm, the FOV is 210*270mm
Output Format	PLY, OBJ, STL
White LED color temperature	5500K
Dimension	215*50*75mm
Weight	800g
Power Supply	Input: AC100-220V~, 50/60HZ, 1.5A
Output	DC12V, 7.0V

Repeatable, reliable and proven dental 3D printers. Trusted globally.

The Asiga Max is the world's most advanced digital dental 3D printer offering exceptional productivity in a small footprint. With 62µm HD print precision, the Asiga MAX is optimized for orthodontics, crown & bridge, surgical guides, dental models, custom trays and partial dentures in a lab and clinical environments. All Asiga printers are open to materials from any supplier for maximum flexibility and economy.

- ✦ Lifetime technical support guarantee
- ✦ Wifi connectivity
- ✦ Automated support generation
- ✦ Touchscreen interface
- ✦ Proven manufacturing reliability

Smart Positioning System Technology (SPS)

- ✦ The Smart Positioning System (SPS) is a series of positioning encoders that read the exact position of the build platform during each layer approach. This ensures the next layer is only exposed/formed once the build platform target position has reached.
- ✦ **Internal radiometer:** An internal radiometer actively monitors LED intensity during each build ensuring the correct light exposure is delivered for every layer
- ✦ **High power UV 385nm LED:** To print water-clear materials and many of the industry leading materials, a UV 385nm LED is required
- ✦ **Small pixel and accurate pixel placement:** Pixel size and pixel placement are important for reproducing digital data accurately to achieve a precise fit. For dentistry, small pixel sizes are critical and we recommend between 47µm - 80µm depending on application.
- ✦ **Precise material curing:** Our open Material System allows for any suitable material to be printed. Material curing parameters for each material are generated by Asiga ensuring materials are cured accurately for repeatable results.



uv

Accessories	MAX	MAX UV
Pixel Size X,Y	62µm	62µm
Build Size X,Y, Z*	119 x 67 x 75mm*	119 x 67 x 75mm*
Light Source	405nm	385nm
Z Resolution	Variable in 1 µm	
Material System	Open-use any 3 rd party material	
File Inputs	STL, SLC, STM	
Network Compatibility	WIFI and Ethernet	
Industry Sectors	Digital Dentistry / Lab Production	
System Size	260 x 380 x 370mm	
System Weight	17.5 kg	
Packaged Size/ Weight	410 x 500 x 480mm /20Kg	
Power	12VDC 10A	

SHINING 3D DENTAL

AccuFab-L4K

High-Precision Resin 3D Printer

A high-precision resin 3D printer that improves prototyping efficiency and shortens the new product development lifecycle.



HIGH
PRECISION



HIGH
RESOLUTION



HIGH
FIDELITY



MULTIPLE
ENGINEERING
MATERIALS

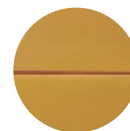
Unparalleled Accuracy



IT7
Accuracy



IT8
Accuracy



IT9
Accuracy



Technical Specifications

Optical Spec	Resolution: 3840×2400
	Pixel Size: 0.05 mm
	Wavelength: 405 nm
	Light Intensity: 3 mw/cm ²
	Light Source: UV LED + LCD
Print Spec	Print Size: 192 mm×120 mm×180 mm
	Print Speed: 10~ 50 mm/h
	Tolerance: ±0.05 mm
	Layer Thickness: 0.025 / 0.05 / 0.075 / 0.1 mm
Environment Spec	Working Temperature: 20° ~ 30°
	Working Humidity: 30%~ 70%

Others	Connection: Wi-Fi/Ethernet/Thumbdrive
	Weight: 19 kg
	Printer Dimensions: 360 mm×360 mm×530 mm
Available Materials	SHINING 3D Engineering Material: White Material: TR01 S1; Yellow Material: DM12; Transparent Material: SG01; Black Material: S2; Washable Material: W1
	BASF Engineering Material: Durable Material: ST45 ST80; Rigid Material: RG35 RG50; Flexible Material: FL60 EL 150
	Third Party Certified Resin: Third party resin materials approved by SHINING 3D, also can be used in AccuFab-L4K High-Precision Resin 3D Printer

SONIC MIGHTY 4K

Easy to Use

Print Big

Super Stable

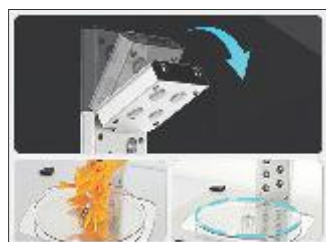
Phrozen Sonic Mighty 4K LCD 3D Printer comes in simple yet well-protected packaging with all the necessary parts you need to jump start your printing. With an extended printing area of 9.3" & a 22cm Z-axis, Sonic Mighty 4K empowers makers to print larger and more ambitious builds that match your exact designs. But that's not all, Sonic Mighty 4K prints models in 4K quality, offers high-resolution printing at 51µm and brings your most ambitious creations to life with crazy details.

System	Sonic Mighty 4K
Operation	2.8" Touch Panel
Slicer Software	CHITUBOX
Connectivity	USB
Technology	Resin 3D Printer - LCD Type
LCD Specification	9.3" 4K Mono LCD
Light Source	405nm ParaLED Matrix 2.0
XY Resolution	52mm
Layer Thickness	0.01-0.30mm
Printing Speed	80mm/ hour
Power Requirement	AC100-240~50/60Hz
Printer Size	28 x 28 x 44 cm
Print Volume	20x 12.5 x 22 cm
Printer Weight	8 kg
VAT Material	Plastic / Metal

Wash & Cure Plus-Dual Purpose

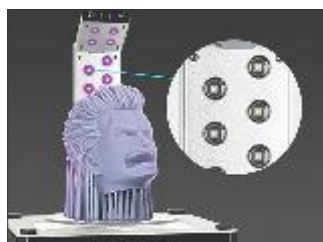
Inherit the features of previous generation and explore larger size and more powerful performance.

Wash & Cure - Technical Specifications	
Machine	Wash and Cure Plus
Control Method	Digital Tube, LED Indicator, Control Knob
Power	40W
Input Voltage	AC 110V/220V ±10%
UV Lights	405 nm
Machine Size	290mm(L)*270mm(W)*479mm(H)
Washing Size	192mm(L)*120mm(W)*290mm(H)
Curing Size	190mm(D)*245mm(H)
Weight	~6.5kg



360° Curing

Equipped with L-shape strip light & reflective mirror sticker



Upgraded UV Lamp Beads

Added with optical lens for even and thorough Curing



More Powerful Washing

Multiple washing methods for more flexible model cleaning



Stronger Cleaning Power

The super-large cleaning vortex allows the liquid to clean every part of the model



Safer To Use

Automatically pause when the cover is removed



Anti-UV light Cover

Blocks 99.95% 405nm wavelength UV light



Easier Mode Switching

1-60min time selections provide more choices for washing & curing



Enclosed Washing Bucket

The washing bucket can accommodate larger size models

PlastPress

Plast Press Positive Pressure

Top 3 in the world in vacuum machines, now with pressure option

The most compact positive pressure machine on the market, the PlastPress guarantees a higher copy fidelity and lower noise compared to vacuum machines, Practical and versatile, it allows making of molds of different materials with up to 6 mm thickness and accepts round and square plates.

It must be connected directly to a compressor at a pressure between 3 & 8 bar (43.5 to 116 psi)

Technical Specifications

- Available in voltages: 110 or 220V (not Bivolt)
- Weight: 7.5 kg
- Dimensions: (LxWxH) 27x24x27 cm



Carbon Fiber Resistance
Fast and uniform heating



Double-sided cast rack
Flat surface and tray for beads



Best Cost x Benefit
Greater value for money



For all dental specialties

- Orthodontics (Aligners)
- Prosthesis (Individual sheet, base sheet, provisory bridge)
- Aesthetics (Bleaching)
- Sleep Dentistry (Anti snoring & apnea devices)
- Sports Dentistry (Mouthguards)
- Bruxism & Teeth Grinding
- General Clinic, Among Others



The Transparent Solution To Align teeth



- Special material, transparent and elastic, that allows to realize a dental aligner that produces a delicate strength and therefore more constant.
- Great elasticity that optimizes byte adaptation to dental morphology, attachment, and interdental spaces obtaining excellent results. A better adhesion allows a more stable contact point and also a more constant strength and therefore a more precise teeth movement.
- More comfort and better ease of insertion and removal. The aligners built with GHOST ALIGNER do not interfere with aesthetics and phonetics and also they do not cause any discomfort to the gums and teeth of patients.
- It shapes and finishes easily. Available in square format (125 x 125 mm) and round format (\varnothing 120 mm and \varnothing 125) with 0,50 mm, 0,75 mm and 1 mm thickness



Our Esteemed Clients

TRIOS USERS		
S. No.	Name of Users	City
1	Dr. Harpreet Singh	Agra
2	Dr. Hitender Shah	Ahmedabad
3	Dr. Pankaj Ishwarbhai Hotchandani	Ahmedabad
4	DVG Dental Lab	Bengaluru
5	Dr. Sharon Colco Dias	Bengaluru
6	Dr. Dhruvil Belur	Bengaluru
7	Dr. Mudit Kedia	Bangaluru
8	Dr. Vinod	Bengaluru
9	Clove Dental	Bengaluru
10	Render Wise Solution Pvt. Ltd.	Bengaluru
11	Dr. Arvind Shrinivas	Bengaluru
12	Dr. Amruta Dash	Bengaluru
13	Smile. AI	Bengaluru
14	Dr. Prashant Tripathi	Bhopal
15	Smilexone Educare Pvt. Ltd.	Bhuvneshwar
16	Dr. Vijita Mehta	Chandigarh
17	Dr. Parag Kochar	Chandigarh
18	Dr. Sombir	Chandigarh
19	Dr. Tarundeep Sandhu	Chandigarh
20	Dr. Varun Acharya	Chennai
21	Dr. Santosh Kumari	Chennai
22	Dr. Ashwin Rajan D	Chennai
23	Dr. Santhosh Kumari	Chennai
24	Clove Dental	Chennai
25	Dr. L P Mohan	Chennai
26	Dr. M. Seethapathy	Coimbatore
27	Dr. Akhilanath B	Coimbatore
28	Dr. C. R. Rajkumar	Coimbatore
29	Dr. Rahul Goyal	Dehradun
30	Dr. Ankur Gupta	Delhi
31	Dr. Vikram Gandhi	Delhi
32	Dr. Abhinav Sood	Delhi
33	Dr. Radhika Sahni	Delhi
34	Dr. Siddharth Sachdeva	Delhi
35	Dr. Ashish Kakkar	Delhi

TRIOS USERS		
S. No.	Name of Users	City
36	Dr. Navneesh Manocha	Delhi
37	Render Wise Solutions Private Limited - Wazirpur	Delhi
38	Dr. Ankur Aggrawal	Delhi
39	Renderwise Solutions	Delhi
40	Glamyo Technologies Pvt. Ltd.	Delhi
41	Dr. Smriti Bhargava	Delhi
42	Dr. Vikrant Kundu	Dwarka - Delhi
43	Dr. Meera Verma	Delhi
44	Dr. Manish Gupta	Delhi
45	Clove Dental	Delhi
46	Dr. Senthil Kumar	Dindigul Chennai
47	Yashoda Super specialty Hospital	Ghaziabad
48	Dr Rajiv Yadav	Gurugram
49	Dr. Prashant Chopra	Gurugram
50	Dr. Sudhir Yadav	Gurugram
51	Alpha Dentals	Gurugram
52	Dr. Parul Bansal	Gurugram
53	Noble Dental Surgery Multispecialty & Dental Implant Centre	Hoshiarpur
54	Dr. Siva Nagini	Hyderabad
55	Dr. Harnath Reddy	Hyderabad
56	Dr. Raviteja ch	Hyderabad
57	Render Wise Solutions Pvt. Ltd.	Hyderabad
58	Clove Dental	Hyderabad
59	Dr. Saket Jain	Jabalpur
60	Dr. Vikrant Bhandari	Jalandhar
61	Aline Corporation	Kanpur
62	Dr. Nivedita Kulkarni	Karnataka
63	Dr. Upender Hoshing	Kolhapur
64	Dr. Devender Madyan	Lucknow
65	Dr. Divya Mehrotra	Lucknow
66	Dr. Pratik Doshi	Maharashtra
67	Dr. Vaibhav Mehta	Maharashtra
68	Dr. Sanyogita Shar	Maharashtra
69	Dr. Sonali Golvankar	Maharashtra

Installation till November 2023

Our Esteemed Clients

TRIOS USERS		
S. No	Name of Users	City
70	Dr. Rutuparn Sasane	Maharashtra
71	Braces And Smiles Juuu	Maharashtra
72	Dr. Mayank Doshi	Maharashtra
73	Dr. Himanshu Shah	Maharashtra
74	Avani Dental Care	Maharashtra
75	Dr. Lalit Manek	Maharashtra
76	Dr. Tarvin Kaur (Pune)	Maharashtra
77	Dr. Amrut V. Tamhankar	Maharashtra
78	Dr. Ashish Jain	Maharashtra
79	Dr. Devika Minase	Maharashtra
80	Guddu Ji	Maharashtra
81	Jupiter Hospital Trios 4	Maharashtra
82	Dr. Praveen Shetty	Mumbai
83	Dr. Dilip Deshpande	Mumbai
84	Dr. Manish Kachara	Mumbai
85	Dr. Kunal Seth	Mumbai
86	Dr. Tarun Motwani	Mumbai
87	Dr. Aqueel Reshmwala	Mumbai
88	Dr. Prateek Chedda	Mumbai
89	Dr. Kushal Jaju	Mumbai
90	Dr. Arpit Doshi	Mumbai
91	Dr. Aslam Inamdar	Mumbai
92	Dr. Ritesh Mahashabde	Mumbai
93	Dr. Jignesh Kothari	Mumbai
94	Dr. Sachin Lad	Mumbai
95	Flash Orthodon	Mumbai
96	Dr. Rahul Shah	Mumbai
97	Indian Dental Association	Mumbai
98	Dr. Rahul Kumar	Mumbai
99	Dr. Rajender Sankalp	Mumbai
100	Dr. Anand Tuteja Novalign	Mumbai
101	Dr. Gajanan Shanbag	Mumbai
102	Dr. Karanjit Singh Chaudhary	Mumbai

TRIOS USERS		
S. No	Name of Users	City
103	Dr. Kisan Gargote	Mumbai
104	Mr. Dilip Lalchand Porwal	Mumbai
105	Dr. Rohan B Tari	Mumbai
106	Dr. Shrikant Garje	Mumbai
107	Mr. Santosh Pal	Mumbai
108	Dr. Kunal / Dr. Abhimanyu Flex Align	Mumbai
109	Dr. Sanket Shah	Mumbai
110	Dr. Jitendra Suhag	Mumbai
111	Dr. Isha Singh / Dr. Anmol Chandhok	Mumbai
112	Dr. Manish Thadani	Nagpur
113	Dr. Swapnil Gupta	NCR
114	Dr. Dinesh Hingorani	Pune
115	Dr. Danish Virani	Pune
116	Image Dental Solution	Pune
117	Dr. Paresh Kale	Pune
118	Dr. Milind Darda	Pune
119	Dr. Sagar Dombe	Pune
120	Dr. Amir Shaikh	Sangli
121	Dr. P. K. Triphaty	Raipur
122	Dr. Sanket Shah	Vapi
123	Dr. Govardhan Rao	Vijaywada
124	Dr. N. Karikalan	Tamil Nadu
125	Dr. Rohit Sharma	UNA ,Himachal
125	S.j Health Care Pvt Ltd	Bandra
126	DR. SHRAVAN JOSHI	Ahmedabad
127	Dr Radhika Paleja	Santacruz
128	Dr. Saurabh Jain	Jalgaon
129	Dr. Rutuj Surana (Pune)	Pune City
130	Dr. KOMAL MAJUMDAR	Kopar
131	Dr. Pravin Dange	Bhandup
132	Dr. Swati Sharmaa	Gagan Vihar
133	Shivam Dental Lab	Jalandhar

Our Esteemed Clients

TRIOS USERS		
S. No	Name of Users	City
134	Dr. Darshan Sheth	Ghatkopar
135	Dr. Ashish Jain Kalyan	Kalyan
136	Dr. SHRAVAN JOSHI	Ahmedabad
137	Dr. Varun Gozariya	Amreli
138	Dr. Pravesh Aggarwal	Jorhat
139	S. J Health Care Pvt. Ltd	Bandra
140	S. J Health Care Pvt. Ltd.	Defence Colony
141	Dr. Esha Vora	Thane
142	Dr. Swati Chatterjee	Thane
143	Dr. Prasad Rane	Mumbai
144	Pushpagiri Medical Society	Pathanamthitta
145	Dr. Varun Garg	Kapurthala
146	Dr. Ankur Gupta	Gurugram
147	Dr. Ria Subhramaniam	Bangalore (East & South)
148	Dr. Nehal K. Sheth	Ahemadabad
149	Dr. Ravi Tambe	Nashik
150	Dr. Shirish Sharma Dr Shikha Sharma	Ajmer
151	Dayananda Sagar College Of Dental Sciences	Bangalore (East & South)
152	Dayananda Sagar College Of Dental Sciences	Bangalore (East & South)
153	Dr. Sagar Dombé	Pimpri Chinchwad Nagar
154	Sheepmedical India Pvt. Ltd.	Mumbai
155	Dr. Roy Cheriyan	Ernakulam
156	Nair Dental College And Hospital	Mumbai Central
157	Dr. Hitesh Ajara	Ahmedabad
158	Dr. Gowds Dental Hospital Pvt. Ltd.	Hyderabad
159	Dr. Silpika Reddy Yaramala	Hyderabad
160	Dr. Harinath Reddy	Secunderabad
161	Dr. Sheetal Ghule	Ghatkopar
162	Dr Vaibhav Goregaonkar	Panvel
163	Dr. P. Manonmani Vijaykumar	Karur

TRIOS USERS		
S. No	Name of Users	City
164	Dr. Mitesh Gandhi	Kandivali
165	Dr. Chandra Sekhar	Hyderabad
166	Mr. Nikhil Bhatkar	Santacruz
167	Zinjuwadia Dental Care & Oral Implant Center	Ahmedabad
168	Dr. Vikram Gandhi	Delhi
169	D G Dental Lab	Jogeshwari
170	I Win Dental Lab	Goregaon
171	Dr. Vishwas Madan	Seawood
172	Ms. Pricipal	Bangaluru
173	Dr. Deepak Gupta	Gurugram
174	Dr. Amit Kukke	Bangaluru
175	Srm Dental College	Chennai
176	Dr. Mansi Arora	Paschim Vihar
177	Abrar Ahamed Koorimannil	Kerala
178	Dr. Ajinkya Ashok Patil	Kolhapur
179	Dr. Saurav Kumar	Ramesh Nagar
180	Dr. Prakash Mohan Ahuja	Gurugram
181	Dr. Hitesh Nagrath	Chembur
182	Dr. Senthil Kumar - Tn	Dindigul
183	Dr. Sudhir Khandale	Solapur
184	Dr. Ramandeep Kaur Sandhu	Andheri
185	Dr. Jaspreet Kaur	Mohali
186	Mr. Manish Agarwal	Kalyan
187	Dr. Shallu Batra	Ambala
188	Dr. Arshdeep	Jalandhar
189	Dr. Manjunath Gola	Bangaluru
190	Dr. Samarjit Singh	Lucknow
191	Dr. Kushan Kishore Dhawan	Gurugram
192	Dr. Champa Talreja	Dhule
193	Dr. Madhav Chandran Balachandran	Trivandrum
194	Dr. Kayannush Dadachanji	Mumbai

Our Esteemed Clients

TRIOS USERS		
S. No	Name of Users	City
195	Dr. Naveen Kodoth	Kannur
196	Pradhan Dental Centre Llp	Mumbai
197	Dr. Srishti Parekh	Chembur
198	Eduhealth Foundation	Ahmedabad
199	Amit Mathur	Vapi
200	Dr. Seema Rathi	Andheri
201	Priyanshu Dental Lab	Amritsar
202	Mr. Nikhil Bhatkar	Santacruz
203	The Amazing Smile Centre	Goregaon
204	Dr. Monika Amit Yeole	Nashik
205	Raju Poobathy Medicare Pvt. Ltd.	Karaikudi
206	Aarav Healthcare Services Pvt. Ltd.	Mumbai
207	Snr Sons Charitable Trust	Coimbatore
208	Dr. Pritish Sankar Nayak	Bhuvneshwar

TRIOS USERS		
S. No	Name of Users	City
209	Bharti Vidyapith Pune	Pune
210	Dr. Satish Garg	Sonipat
211	Dr. Avijit Jena	Baripada
212	Mother Opticals And Dental Lclinic	Ernakulam
213	Dr. Mansingh Patil	Goa
214	Dr. Abhijit P Sadekar	Goa
215	Dr. Schuyler Pereira	Goa
216	Dr. Priyam Parikh Dream Dent	Grant Road West
217	Dr. Bhavin Shahn	Bangalore (East & South)
218	Innovative Dental Craft	Ulhas Nagar
219	Mr. Nikhil Bhatkar	Santacruz
220	Dr. Soham Bhaumik	Tripura
221	Advance Dental Export	Surat

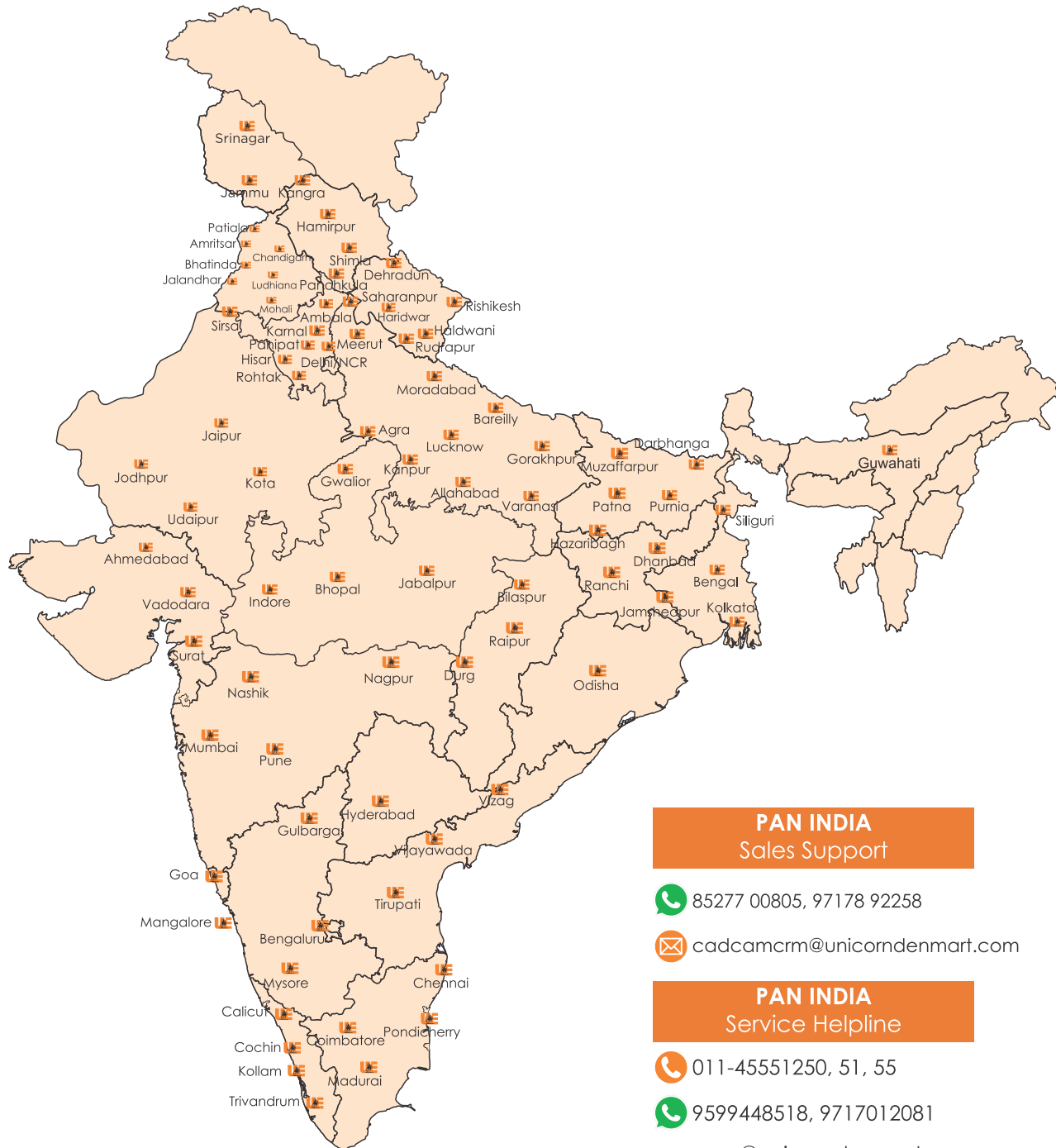
Installation till November 2023

SHINING 3D DENTAL



SHINING 3D USER		
S. No	Name of Users	City
1	Om Murga Dental Associates	Chennai
2	Dr. P. Kumar	Coimbatore
3	Dr. Srishti Bhatia Sobti	Delhi
4	Dr. Ullas Anand	Dehradun
5	Perfect Smile 32 Dental Clinic	Faridabad
6	Jaw Expert Solutions LLP	Gurugram
7	Ghv Advanced Care Pvt. Ltd.	Gurugram
8	Crs Impex Private Limited	Indore
9	Mr. E. Shrikanth	Hyderabad
10	Dr. Mehul Khakhria	Jamnagar
11	Dr. Bumtaria Sagar Natvalal	Jamnagar

SHINING 3D USER		
S. No	Name of Users	City
12	Aline Corporation	Kanpur
13	Dr. Vidunth Jolly	Ludhiana
14	Dr Mukesh Kansotia	Mohali
15	Flexalign Private Limited	Mumbai
16	Dr. P. Prasanna Kumar	Pondicherry
17	Express Dental Ceramic Studio	Rajkot
18	Edens Dental And Maxillo-Facial Hospital Pvt. Ltd.- Nagercoil	Tamil Nadu
19	Dr. N. S. Mohan Kumar Erode	Tamil Nadu
20	Dr. E. Muruganandam	Tirupur
21	Dr. Trinadh Kumar Madeti	Vishakhapatnam





PAN INDIA PRESENCE



PAN INDIA
Sales Support

 85277 00805, 97178 92258
 cadcamcrm@unicorndenmart.com

PAN INDIA
Service Helpline

 011-45551250, 51, 55
 9599448518, 9717012081
 care@unicorndenmart.com;
 care1@unicorndenmart.com

FOR WESTERN REGION:
(Maharashtra & Gujarat)

 022-40108770, 71

***The locations shown above are a combination of the offices of Unicorn DenMart and its distributors.**

About 3Shape

3Shape is changing dentistry together with dental professionals across the world by developing innovations that provide superior dental care for patients. Our portfolio of 3D scanners and CAD/CAM software solutions for the dental industry includes the multiple award-winning 3Shape TRIOS® intraoral scanner, the 3Shape X1® CBCT scanner, as well as market-leading scanning and design software solutions for both dental practices and labs.

Two graduate students founded 3Shape in Denmark's capital in the year 2000. Today, 3Shape employees serve customers in over 100 countries from 3Shape offices around the world. 3Shape's products and innovations continue to challenge traditional methods, enabling dental professionals to treat more patients more effectively.

Why 3Shape?

Reliable Dental Partner

- Excellent favored by thousands of labs in over 120 countries
- 400+ developers creating leading technology to maximize profitability for labs
- Driving digital dentistry with 100+ pending patents

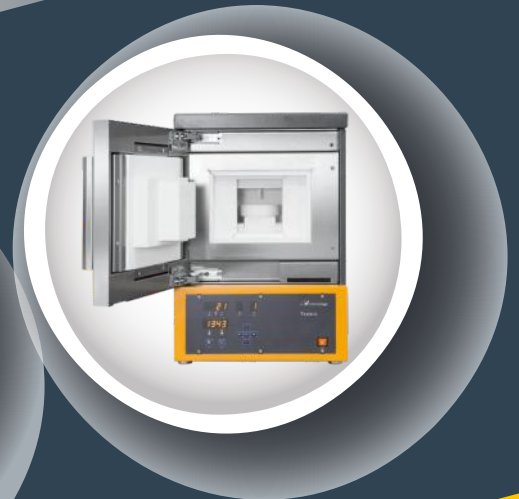
High Quality CAD/CAM system

- Fast scanners with documented accuracy
- Intuitive software that enables exceptional digital craftsmanship
- Scanners developed according to ISO standards and Red Dot (recognized)

A solution for every need and budget

- Largest suite for scanners
- Unrivalled integration with 3Shape TRIOS® and third-party IOS, mills & 3D printers
- Widest range of treatment workflows

UNICORN DenMart  [®]
 Behind The Best Indian Dentists



DENTAL CAD CAM

Associate Partners



INDEX

PRODUCT NAME	PAGE NO.
Lab Scanner	2-7
3shape	2-5
Shinning 3D Dental AutoScan-DS-EX Pro	6-7
Milling Machine	8-22
DGShape DWX52D	8
DGShape DWX52DCi	9
DGShape DWX53DC	10
Arum Dentistry- Arum 5x-300 Pro	11-12
Arum Dentistry- Arum 5x-450	13-14
Arum Dentistry- Arum 5x-500	15-16
Arum Dentistry- Arum 5x-500L	17-18
Arum Dentistry- Arum 5x-200	19-20
Arum Dentistry Machine Line-up	21-22
Suction	23-25
Renfert Compact Cam Suction	23
Renfert SILENT powerCAM EC	24
KO-MAX Silence - CAM200	25
Sintering Furnace	26-28
MIHMVOGT - TABEO-1/M/ZIRKON-100	26
KDF Zircom	27
ZOTION F2- Fast Sintering Furnace	28
3D PRINTER	29-32
Asiga 3D Printer	29
Shining 3D AccuFab-L4K	30
Phrozen Sonic Mighty 4K	31-32
Miscellaneous	33-36
Anycubic Wash & Cure Plus-Dual Purpose	33
Gnatus Compressor	34
Bio-Art Plastpress	35
Ghost Aligner	36
BeSmile Zirconia	37-43
Aconia	37-41
Stain & Glaze	42-43
Our Esteemed clients	44-46

3shape 

Stay up to speed with 3Shape Generation Red Lab Scanners

3Shape E2, E3 & E4 scanners have been upgraded to the same next generation scanning platform as E4 to deliver 20% more speed than before. Designed with a signature red ring, Generation Red E scanners provide optimized productivity.



20% faster

Red Lab Scanners

E2

Increases productivity and texture scanning



- 2 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836 / implant): 10 µm/12 µm
- Scan speed (arch): 24 sec
- Scan speed (full arch impression): 72 sec
- Texture: B&W
- Scanning Strategy: Standard

E3

High performance and implant bar accuracy



- 2 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836/study model): 7 µm/10 µm
- Scan speed (arch): 18 sec
- Scan speed (full arch impression): 64 sec
- Texture: Color
- Scanning Strategy: Standard

E4

Ultra-high speed and accuracy



- 4 x 5 MP cameras
- Accuracy (ISO 12836): 4 µm
- Scan speed (full arch): 9 sec
- Scan speed (full arch impression): 45 sec
- Texture: Color
- Scanning Strategy: Die-in-model

F8

Fast forward to design

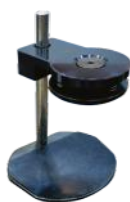


- 4 x 5 MP cameras
- Accuracy (ISO 12836): 4 µm
- Scan speed (full arch): 9 sec
- Scan speed (full arch impression): 45 sec
- Texture: Color
- Scanning Strategy: All-in-one / die in model

Additional Accessories (Optional)



Multi Die Fixture



Two Cast Fixture



Impression Fixture



Wax Fixture



Occlusal Setup Tool

Lab Scanner - Configurations

Scanner	E2	E3	E4	F8
Camera	2x5MP	2x5MP	4x5MP	4x5MP
Accuracy	10 µm	7 µm	4 µm	4 µm
Expanded Interior Space	Yes	Yes	Yes	-
Texture Scanning	B/W	Color	Color	Color
Light Source	Blue LED	Blue LED	Blue LED	Blue LED
Scan Speed-sec. (Full Arch)	24	18	9	9
Automatic Scanning/ Touch Scanning	Yes	Yes	Yes	Yes
Scanning Principle	Phase-Shifting Optical Triangulation	Phase-Shifting Optical Triangulation	Phase-Shifting Optical Triangulation	All-in-one dual scanning
Articulator Plate Included	Yes	Yes	Yes	Yes
Multidie	No	Yes	Yes	Yes

Choose Your Design Software

Complete Restorative

CR

Get all indications from Premium & Removable Packages plus all available restorative add-ons to design abutments, implant bars, models and more at an attractive price.

Crown & Bridge

C&B

Design full anatomies, bridges, copings, frameworks and wax-ups. Use CAD points to provide advanced indications.

Scan Only

C&B

The easy way to go digital! Receive TRIOS cases or Scan gypsum models and send to an external design service.

Premium

P

Design all indications from the Crown & Bridge package plus splints, digital temps, digital smile design, RealView, telescopes, post & core and more.

Removable

R

For labs that specialize in providing full and partial dentures.

Optional Add-Ons and CAD Points

Add

Supplement your solution with add-on modules to offer abutments, implant bars and bridges, models, dentures and more or purchase CAD Points to use on case-by-case basis

Dental System - Software Configurations

CAD Indications	Dental System™ Complete Restorative	Dental System™ Premium	Dental System™ Crown & Bridge	Dental System™ Removable
Copings & bridge frameworks	✓	✓	✓	✓
Anatomical copings & bridge framework	✓	✓	✓	Upgrade
Full anatomical crowns & bridges	✓	✓	✓	✓
Gingiva on all indications	✓	✓	CAD Points / Upgrade	Upgrade
Single wax up / Wax up bridge	✓	✓	✓	Upgrade
Inlay / Onlay / Inlay bridge / Veneers	✓	✓	✓	Upgrade
Multi-layer crowns & bridges	✓	✓	CAD Points / Upgrade	Upgrade
Digital temporaries	✓	✓	CAD Points / Upgrade	Upgrade
Virtual diagnostic wax-ups	✓	✓	CAD Points / Upgrade	Upgrade
Post & core	✓	✓	CAD Points / Upgrade	Upgrade
Telescopes	✓	✓	CAD Points / Upgrade	Upgrade
Customized abutments & screw-retained crowns	✓	Add-on / CAD Points	Add-on / CAD Points	Add-on / CAD Points
Implant bars and bridges	✓	Add-on / CAD Points	Add-on / CAD Points	Add-on / CAD Points
Full dentures	✓	Add-on / CAD Points	Add-on / CAD Points	✓
Removable partial dentures	✓	Add-on / CAD Points	Add-on / CAD Points	✓
Customized impression trays	✓	✓	CAD Points / Upgrade	✓
Model Builder™	✓	Add-on / CAD Points	Add-on / CAD Points	Upgrade
Positioning Guides	✓	✓	CAD Points / Upgrade	Upgrade
Splints, night guards and protectors	✓	✓	CAD Points / Upgrade	Upgrade
Ortho system	Add-on	Add-on	Add-on	Add-on
Implant planning & surgical guides	Add-on	Add-on	Add-on	Add-on
Advanced Tools				
Smile composer™ including sculpt toolkit	✓	✓	✓	✓
Mirroring teeth	✓	✓	✓	✓
Simultaneous modeling on upper & lower	✓	✓	✓	✓
Dynamic virtual articulation	✓	✓	✓	✓
Attachments	✓	✓	✓	✓
Realview™ engine with 2D design guidelines	✓	✓	Upgrade	✓
Align and re-use design	✓	✓	✓	✓
CAD block placement	✓	✓	✓	✓
3Shape communicate™ (2GB storage included)	✓	✓	✓	✓
TRIOS® inbox & shade measurement	✓	✓	✓	✓
Basic / Expert mode	✓	✓	✓	✓
Advanced design validation tools	✓	✓	✓	✓
Manufacturing Inbox™	50 Connections	50 Connections	50 Connections	50 Connections
Full manufacturing equipment compatibility	✓	✓	✓	✓
3Shape LABcare™ included in subscription	✓	✓	✓	✓

✓	Included in the specific Dental System™ Software version
Add-on / CAD Points	You can either use CAD points for each case or purchase of add-on module (sold separately)
Upgrade	Requires upgrade to Dental System™ Premium edition / Complete Restorative (Sold Separately)
CAD Points / Upgrade	You can either use CAD points for each case or upgrade to Dental System™ Premium edition (sold separately)
Not Available	Not available for this scanner model / software version

AutoScan-DS-EX Pro



New Upgrades, More Distinguished

Specifications	
Camera Resolution	1.3 MP
Scan Time	8 s for bite scan; 12 s for upper / lower jaw scan; 13 s for 1-4 dies scan; 21 s for 5-8 dies scan; 58 s for impression scan
Output Format	STL / OBJ / PLY
Light Source	Blue light
Dimensions	260x270x420 mm
Weight	5 kg
Interface	USB 3.0
Power Supply	Dc24 V

AutoScan-DS-EX Pro

AII-IN-ONE SCAN

This new all-in-one scan method allows scan of quadrant models and dies at the same time, which largely simplifies the scan process and improve the scan efficiency by almost 50%

Conventional
4 Steps



1 Bite



2. Upper



3. Lower



4. Die

All-in-one
2 Steps



1 Bite



2. All-in-one

EVEN FASTER SCAN SPEED

With increased scan speed, a single jaw scan can be finished in 12 seconds. The entire process of a separate-die order can be completed within 2 minutes and a non-separated-die order within 2.5 minutes.



Bite
8s



1-8 Dies
13-21s



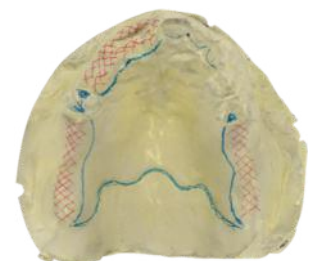
Single Jaw
12s



Impression
58s

TEXTURE SCAN

Clearly captures the textures and marks on the plaster model, assisting technicians to finish the digital partial framework design.



DWX-52D Plus

New Clamping System:

A new snap-on clamp system with 6 included adapters for 98.5mm discs offer fast and secure set-up of different materials.

User-friendly Design:

A user-friendly Virtual Machine Panel (Vpanel) enables convenient production and device monitoring from your computer.



5
Axis

15
Tools

Dry

Mill

6
Adapter

Adaptor Rack for Increased Efficiency:

6 adapters for 98.5mm material discs are included as standard with the DWX- 52D Plus allowing you to queue up multiple milling jobs for efficient job management. An optional disc adapter rack is also available.



Specifications	
Millable Material	Zirconia, Wax, PMMA, Composite resin, PEEK, Gypsum, Glass fiber reinforced resin, CoCr sinter metal
Spindle Rotating Speed	6,000 to 30,000 rpm
Rotary Axis Travel Angle	A : ± 360°, B: ± 30°
Number Of Milling Burs Housed	15
Compatible Compressed Air	0.02 to 0.2 Mpa
Interface	USB
Power Consumption	Approx. 200 W
Weight	67 KG (147.7 lbs.)

DWX-52DCi Plus

The ultimate in 24-hour productivity

Increased productivity and maximum versatility:
A snap-on clamp system for the Automatic Disc Changer enables loading of up to six 98.5mm discs for continuous milling of multiple jobs

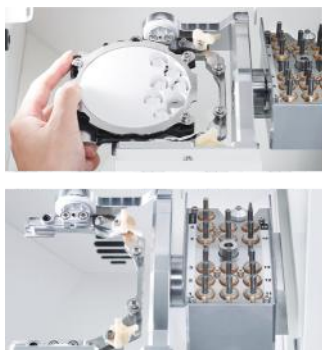
DWINDEX Software Monitors Your Milling Performance: Monitor milling operations and help you determine ROI so you can better plan, identify and manage machine productivity and lab profitability.

Reliable, Unattended Milling Load the 15-station Automatic Tool Changer

Precision 5-Axis Milling: A smooth and steady ball screw-driven system offers exceptionally precise results.



- 5
Axis
- 15
Tools
- Dry
- Mill
- 6 Automatic
Disc Changer



Specifications

Millable Material	Zirconia, Wax, PMMA, Composite resin, PEEK, Gypsum, Glass fiber reinforced resin, CoCr sinter metal
Spindle Rotating Speed	6,000 to 30,000 rpm
Rotary Axis Travel Angle	A : ± 360°, B: ± 30°
Number Of Milling Burs Housed	15
Compatible Compressed Air	0.02 to 0.2 Mpa
Interface	USB
Power Consumption	Approx. 200 W
Weight	105 KG (231.5 lbs.)

DWX-53DC

ADVANCED MILLING TECHNOLOGY The Best Is Now Even Better

The completely new design allows for high-precision and rapid milling.

Storage: All the accessories can be stored at the storage space.

Tablet stand: By loosening the screws on the top of the storage, the tablet stand can be pulled out.

ZS-53DC: The tool gripping force has been increased compared to the ZS-52D, resulting in further improvement of machining stability.

Auto Tool Changer (ATC) Milling bur change operation is performed by the ATC motor. Compressed air is not necessary for ATC. (Compressor is not used for ATC.)

Adapter replacement: In the DWX-53DC, the changer unit operates in the vertical direction. For the desired adapter, the AB axis unit moves forward and changes the adapter.

ATC Magazine and Milling Bur Sensor: 15 milling burs can be set to the ATC magazine.

Air Flow Sensor: Cutting waste is taken out using dust collector. The air flow sensor monitors the air flow to prevent the machine from operating when the dust collector is not used.

Milling burs: Only milling burs with a shank diameter of 4 mm can be used. Use the milling bur positioning jig to match the length of the milling bur.



5
Axis

15
Tools

Dry
Mill

Automatic
Disc Changer

Specifications

Millable Material	PMMA, Zirconia, Wax, Composite Resin, PEEK, Gypsum, Glass-Fiber-Reinforced Resin, Pre-Sintered Chromium Cobalt
Spindle Speed	30,000 RPM
Rotary Axis	A : ± 360°, B: ± 35°
Air Pressure Requirements	0.4 Mpa
External Dimensions (WxDxH)	23.62 in. x 29.25 in. x 32.75 in.
Weight	264.55 lbs. (120 kg)
Disc Changing Time	1 minute, 7 seconds
Material Adapter Compatibility	Standard Adapter: ZMA-53DC, Open-Edge Adapter: ZMA2-53DC
# of Material Adapter Patterns	100
Additional Features	Redesigned, more robust spindle for 3x the gripping power with PMMA applications. Built-In Integrated Webcam, Automatic Extractor Filter Cleaning, Thermohydrrometer Accelerometer Sensors
Accessories Included	Dedicated Extraction Unit and Connection Cable, Built-In Integrated Webcam, Material Adapter Disc Rack (ZR-53DC), Standard Material Adapters (6-Pack, ZMA-53DC), Open-Edge Material Adapter (ZMA-53DC), 4.0 mm Roughing Tool (ZRB-200D), Diamond-Like Coated (DLC) Milling Tool Set (ZPB-100D, ZPD-50D, & ZPB-30D)
Attachable Bur	Shank 4 mm (Diameter), 40-55 mm (Length)
Loadable Workplace	Step Section: 98.5 mm Diameter, 10 mm Height; Body Section: Max Height 60 mm

ARUM 5X-300 Pro

Bright Future, Right System



Efficient C-TYPE JIG

Labial (or Buccal) side texture and undercut area precision processing minimize post-processing time.

- Zirconia
- PMMA
- Resin
- Wax
- Ceramic Glass



Easy and easy material change

You can easily exchange from disk to CAD block as it uses cartridge type materials.

RPM 80,000	Wet	Dry	Labial	Zirconia	CAD Block	5Axis
---------------	-----	-----	--------	----------	-----------	-------

All in One System

An external compressor is not required, and all additional devices (Dust Collector, Coolant System) are built inside the table to overcome installation space constraint and minimize noise. ** German Renfert SILENT compact CAM model is used (optional)



High speed 80,000 RPM

By choosing one from 2 modes of roughing process (U peeling milling, and Parallel milling), you can process glass ceramic materials more effectively.



Accessories

Disk Cartridge (C-Type)	CAD Block Cartridge

ARUM 5X-300 Pro

Materials & Applications Info.

Materials		Applications	
Pre-milled Blank (Titanium)	X	Implant Bar	X
Co-Cr & Ni-Cr Disk	X	Screw-Retained Bridge (Crown & Coping)	X
Titanium Disk	X	Customized Abutment	X
Lithium Disilicate	⊙	Hybrid Abutment	⊙
Nanocomposite	⊙	Inlay & Onlay	⊙
Zirconia	⊙	Crown & Coping	⊙
PMMA	⊙	Crown & Coping Bridge	⊙
PEEK	⊙	Model	⊙
Wax	⊙	Bite Splint	⊙
		Denture	⊙

⊙: High Compatibility / O: Compatibility / X: Non-Compatibility

Specifications

Axis	5-Axis	Drive Mechanism	Ball Screw
Processing	Wet and Dry	Way System	Linear Guide
Spindle Power	AC 0.5kw	Machine Size (W*D*H)	568*638*645mm
Max. RPM	80,000	Total Size (W*D*H)	568*641*1583mm
A.T.C	12	Weight (Machine / Table)	90kg / 65kg
Tool Shank (mm)	Ø4	Travel	X,Y,Z axis
Motor	Stepping		A / B axis
			±30° / 360°

Tool List

Material	Code	Ø	Size	Material	Code	Ø	Size
Zirconia	ZB-46	2.0	D2.0*L18*50	Glass Ceramic	DG-52	2.5	D2.5*L13*44.5
	ZB-47	1.0	D1.0*L16*50		DG-53	1.5	D1.5*L10*44.5
	ZB-48	0.6	D0.6*L10*45		DG-54	1.0	D1.0*L10*44.5
	ZB-65	0.3	D0.3*L12*45		DG-545	0.6	D0.6*L08*41
PMMA	MOB-56	3.0	D3.0*L20*50	Flat Endmill	ZF-70	1.7	D1.7*L18*50
	PB-49	2.0	D1.7*L18*50		ZF-75	0.6	D0.6*L08*45
	PB-50	1.5	D1.5*L14*47	T-Cutter	TC-80	1.8	D1.8*L08*45
	PB-51	1.0	D1.0*L10*44		TC-98	2.0	D2.0*L08*45

* Products are subject to change without notice to improve quality, function, design or otherwise.

ARUM 5X-450

FAITHFUL MILL FOR MAIN PROSTHESIS
The 5-axis, wet & dry milling machine



Customized Abutment

Zirconia

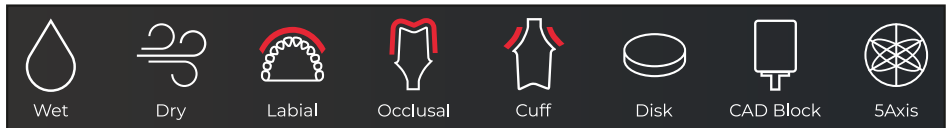
PMMA

Resin



Milling of various prostheses

With use of open C type cartridge, you can precisely machine Labial Side (Buccal Side) and Under-Cut zone that requires additional machining. With the amazing power of the best-in-class spindle AC 1.28kw, you can machine various shapes and materials such as Denture, Zirconia, CAD Block, and Titanium milled Bar, etc.



C-Type Cartridge

With use of open C type cartridge, you can precisely machine Labial Side (Buccal Side) and Under-Cut zone that requires additional machining.

Accessories

Disk Cartridge (C-Type)	AT Holder	AT Cartridge	CAD Block Cartridge	Attachment	Straumann PMAB Holder

ARUM 5X-450

Specifications

Axis	5-Axis	Drive Mechanism	Ball Screw
Processing	Wet and Dry	Way System	Linear Guide
Spindle Power	AC 1.28kw	Machine Size (W*D*H)	791*791*790mm
Max. RPM	60,000	Total Size (W*D*H)	791*791*1657mm
A.T.C	15	Weight (Machine / Table)	185kg / 65kg
Tool Shank (mm)	Ø6	Travel	X,Y,Z axis A / B axis
Motor	Stepping		245*116*130mm 360° / ±35.1°

Tool List

Material	Code	Ø	Size	Material	Code	Ø	Size
Zirconia	ZB-05	2.0	D2.0*L20*55	Glass ceramic	DG-21	1.0	D1.0*L10*50
	ZB-06	1.0	D1.0*L14*53		DG-22	0.6	D0.6*L08*50
	ZB-07	0.6	D0.6*L08*50		DG-37	2.5	D2.5*L12*50
	ZB-78	0.3	D0.3*L1.5*50		DG-38	1.5	D1.5*L10*50
Metal (Premilled Blank/Disk)	MB-09	3.0	D3.0*L12*50	PMMA (Long)	PB-88	3.0	D3.0*L20*55
	MB-10	2.0	D2.0*L12*50		PB-89	2.0	D2.0*L20*55
	MB-11	1.5	D1.5*L10*50		PB-90	1.5	D1.5*L18*58
	MB-12	1.0	D1.0*L10*50		PB-91	1.0	D1.0*L13*55
Metal(Disk)	MB-14	0.6	D0.6*L03*50		PB-92	0.6	D0.6*L10*55
Metal (Reamer)	MR-01	3.5	D3.5*L18*55*180°	PMMA (Denture)	PB-93	4.5	D4.5*L25*60
	MR-02	2.6	D2.6*L18*55*180°	PMMA (Lollipop)	PB-94	3.0	D3.0*L15*60
	MR-05	2.3	D2.3*L18*55*120°	T-cutter	TC-82	2.0	D2.0*L08*50
	MR-06	2.3	D2.3*L18*55*90°		TC-83	1.8	D1.8*L08*50
	MR-07	2.3	D2.3*L18*55*30°		TC-84	1.5	D1.5*L08*50
	MR-09	2.4	D2.4*L18*55*70°		TC-97	2.3	D2.3*L07*50
	MR-10	2.6	D2.6*L18*55*30°	Flat Endmill	MF-15	2.0	D2.0*L18*55
	MR-11	2.4	D2.4*L18*55*140°		MF-45	1.5	D1.5*L07*50
	MR-12	2.6	D2.6*L18*55*90°		MF-71	0.6	D0.6*L05*50
	MR-13	2.7	D2.7*L18*55*70°	Bullnosemill	MFR-44	1.5	D1.5*L05*R0.1*50
	MR-14	2.3	D2.3*L18*55*70°		MFR-66	1.5	D1.5*L14*R0.2*50
	MR-15	2.3	D2.3*L18*55*180°		MFR-43	2.0	D2.0*L18*R0.2*55
	MR-16	2.4	D2.4*L18*55*90°	Thread	TH-69	M2.0*P0.4	M2.0*P0.4
Metal (Drill)	MD-18	1.5	D1.5*L14*50		TH-70	M1.4*P0.3	M1.4*P0.3
	MD-19	2.0	D2.0*L18*55		TH-95	M1.8*P0.35	M1.8*P0.35
	MD-73	1.1	D1.1*L05*50	TH-99	M1.6*P0.35	M1.6*P0.35	
Zirconia (Long)	ZB-85	2.0	D2.0*L25*60				
	ZB-86	1.0	D1.0*L20*60				
	ZB-87	0.6	D0.6*L10*60				

ARUM 5X-500

The Leader of Middle Class Specialized



- Customized Abutment
- Titanium
- Ni-Cr
- Co-Cr
- PMMA
- Zirconia
- Resin
- Wax



Outstanding machining performance

5X-500 is a modal without a loader part. With it you can easily replace 4 types of jigs, which allows you to be able to freely machine from disk to pre-milled blank.

20 Tool

- Labial
- Occlusal
- Cuff
- All Disk
- CAD Block



Best-in-class Spindle

With the powerful spindle from Sycotec in Germany, it boasts excellent performance in machining all dental CAD/CAM materials including metal (Co-Cr, Titanium, Ni-Cr)

Labial Side Machining

With Open C Type Jig, you can minimize time spent in precision machining and post-machining of labial (or Buccal) side texture and undercut area.

Accessories

Premill Jig T Type	Disk Jig	Disk C Type Jig	CAD Block Cartridge	Attachment	Callibration Master & Probe	Straumann PMAB Holder

ARUM 5X-500

Specifications

Axis	5-Axis	Drive Mechanism	Ball Screw
Processing	Wet and Dry	Way System	Linear Guide
Spindle Power	AC 2.2kw	Machine Size (W*D*H)	689*918*839mm
Max. RPM	60,000	Total Size (W*D*H)	689*918*1706mm
A.T.C	20	Weight (Machine / Table)	230kg / 65kg
Tool Shank (mm)	Ø6	Travel	X,Y,Z axis A / B axis
Motor	Servo		227.5*125*131mm 360° / +40° ~ -31.5°

Tool List

Material	Code	Ø	Size	Material	Code	Ø	Size
Zirconia	ZB-05	2.0	D2.0*L20*55	Glass ceramic	DG-21	1.0	D1.0*L10*50
	ZB-06	1.0	D1.0*L14*53		DG-22	0.6	D0.6*L08*50
	ZB-07	0.6	D0.6*L08*50		DG-37	2.5	D2.5*L12*50
	ZB-78	0.3	D0.3*L1.5*50		DG-38	1.5	D1.5*L10*50
Metal (Premilled Blank/Disk)	MB-09	3.0	D3.0*L12*50	PMMA (Long)	PB-88	3.0	D3.0*L20*55
	MB-10	2.0	D2.0*L12*50		PB-89	2.0	D2.0*L20*55
	MB-11	1.5	D1.5*L10*50		PB-90	1.5	D1.5*L18*58
	MB-12	1.0	D1.0*L10*50		PB-91	1.0	D1.0*L13*55
Metal(Disk)	MB-14	0.6	D0.6*L03*50		PB-92	0.6	D0.6*L10*55
Metal (Reamer)	MR-01	3.5	D3.5*L18*55*180°	PMMA (Denture)	PB-93	4.5	D4.5*L25*60
	MR-02	2.6	D2.6*L18*55*180°	PMMA (Lollipop)	PB-94	3.0	D3.0*L15*60
	MR-05	2.3	D2.3*L18*55*120°	T-cutter	TC-82	2.0	D2.0*L08*50
	MR-06	2.3	D2.3*L18*55*90°		TC-83	1.8	D1.8*L08*50
	MR-07	2.3	D2.3*L18*55*30°		TC-84	1.5	D1.5*L08*50
	MR-09	2.4	D2.4*L18*55*70°		TC-97	2.3	D2.3*L07*50
	MR-10	2.6	D2.6*L18*55*30°	Flat Endmill	MF-15	2.0	D2.0*L18*55
	MR-11	2.4	D2.4*L18*55*140°		MF-45	1.5	D1.5*L07*50
	MR-12	2.6	D2.6*L18*55*90°		MF-71	0.6	D0.6*L05*50
	MR-13	2.7	D2.7*L18*55*70°	Bullnosemill	MFR-44	1.5	D1.5*L05*R0.1*50
	MR-14	2.3	D2.3*L18*55*70°		MFR-66	1.5	D1.5*L14*R0.2*50
	MR-15	2.3	D2.3*L18*55*180°		MFR-43	2.0	D2.0*L18*R0.2*55
	MR-16	2.4	D2.4*L18*55*90°		TH-69	M2.0*P0.4	M2.0*P0.4
	Metal (Drill)	MD-18	1.5	D1.5*L14*50	Thread	TH-70	M1.4*P0.3
MD-19		2.0	D2.0*L18*55	TH-95		M1.8*P0.35	M1.8*P0.35
MD-73		1.1	D1.1*L05*50	TH-99		M1.6*P0.35	M1.6*P0.35
Zirconia (Long)	ZB-85	2.0	D2.0*L25*60				
	ZB-86	1.0	D1.0*L20*60				
	ZB-87	0.6	D0.6*L10*60				

ARUM 5X-500L

The Leader of Middle Class Specialized



Loader Auto Change 12 Jig

Customized Abutment

Titanium

Ni-Cr

Co-Cr

PMMA

Zirconia

Resin

Wax



12
Magazine

20
Tool



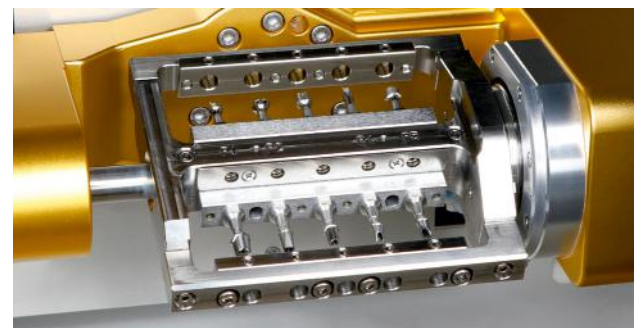
Best-in-class Spindle

With the powerful spindle from Sycotec in Germany, it boasts excellent performance in machining all dental CAD/CAM materials including metal (Co-Cr, Titanium, Ni-Cr).



Labial Side Machining

With Open C Type Jig, you can minimize time spent in precision machining and post-machining of labial (or Buccal) side texture and undercut area.



ARUM 5X-500L

Excellent Precision and Durability




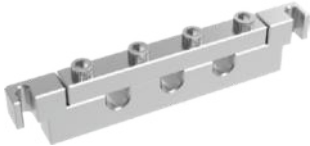

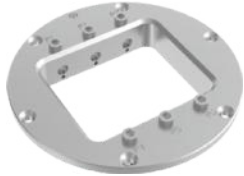



With ZERO Point system, you can achieve excellent origin point precision despite repeated jig replacement, which allows you to machine even complex shape stably. Servo Motor with built-in Absolute Encoder and Auxiliary Support compensates for even fine vibrations.



Specifications

Axis	5-Axis	Way System	Linear Guide
Processing	Wet and Dry	Machine Size (W*D*H)	1078*921*889mm
Spindle Power	AC 2.2kw	Total Size (W*D*H)	1078*921*1713mm
Max. RPM	60,000	Weight (Machine / Table)	360kg / 110kg
A.T.C	20	Travel X,Y,Z axis	227.5*125*131mm
Tool Shank (mm)	Ø6	Travel A / B axis	360° / +40° ~ -31.5°
Motor	Servo	Number of Jig	12
Drive Mechanism	Ball Screw	Jig exchange	Auto

Accessories

		
Disk Jig	Disk C Type Jig	Premill Jig
		
AT Holder	Premill Jig T Type	CAD Block Cartridge
		
Attachment	Calibration Master & Probe	Straumann PMAB holder

Tool List For ARUM 5X-500 & ARUM 5X-500L is same

ARUM 5X-200

Complete Ultimate System

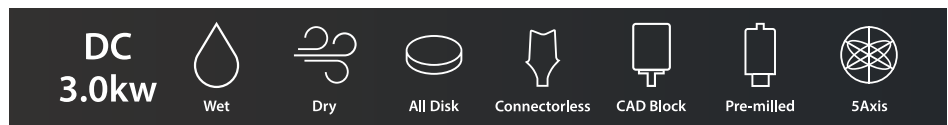


- Co-Cr
- Ni-Cr
- Titanium
- PMMA
- Zirconia
- Resin
- Wax
- Customized Abutment

A standard of METAL milling

This machine can be compared with none of the metal milling machine. You can mill various shapes such as Implant Bar Bridge, Screw-retain Bridge, and Partial Framework using various materials such as Titanium, Co-Cr, and Ni-Cr, etc.

Based on unsurpassed metal milling capability and extensive know-how accumulated over many years, the excellence of our product has been proven in the global market



Mounting of 5 pre-milled blanks

With a function of mounting of 5 pre-milled blanks simultaneously. Also, you can product Customized Abutment without Connector with AT Holder. In addition, it is possible to process using the Straumann PMAB holder (Bushing type) exclusively for Straumann Pre-milled Blanks, so it has expandability



Amazing milling power

With DC 3.0kw spindle, Servo Motor & Linear Guide, you can mill any dental material such as Titanium, Co-Cr, Pre-milled Blank, Zirconia, Lithium Disilicate, Nanocomposite, PMMA, PEEK, and WAX and more.



Special tool designed for perfection

The optimal tool designed to increase the completeness of milling. With use of ARUM's special tools such as Drill Tool, Reamer Tool, and Thread Tool, etc., you can achieve the best milling restoration.

ARUM 5X-200

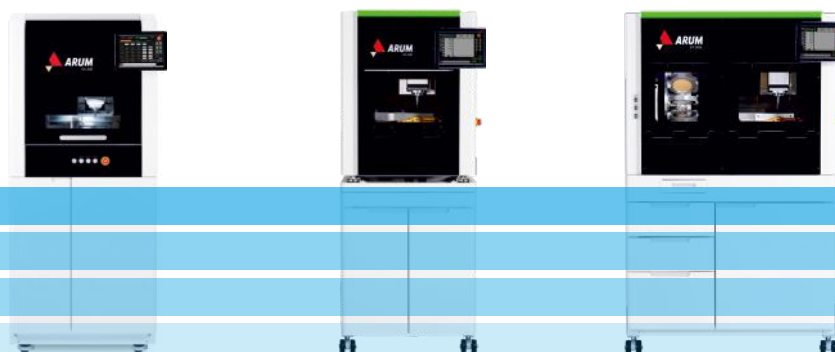
Specifications

Axis	5-Axis	Drive Mechanism	Ball Screw	
Processing	Wet and Dry	Way System	Linear Guide	
Spindle Power	DC 3.0kw	Machine Size (W*D*H)	815*949*941mm	
Max. RPM	60,000	Total Size (W*D*H)	815*949*1755mm	
A.T.C	15	Weight (Machine / Table)	270kg / 135kg	
Tool Shank (mm)	Ø6	Travel	X, Y, Z axis	325*142.5*144mm
Motor	Servo		A / B axis	360° / ±30°

Tool List

Material	Code	Ø	Size	Material	Code	Ø	Size
Zirconia	ZB-05	2.0	D2.0*L20*55	Glass ceramic	DG-21	1.0	D1.0*L10*50
	ZB-06	1.0	D1.0*L14*53		DG-22	0.6	D0.6*L08*50
	ZB-07	0.6	D0.6*L08*50		DG-37	2.5	D2.5*L12*50
	ZB-78	0.3	D0.3*L1.5*50		DG-38	1.5	D1.5*L10*50
Metal (Premilled Blank/Disk)	MB-09	3.0	D3.0*L12*50	PMMA (Long)	PB-88	3.0	D3.0*L20*55
	MB-10	2.0	D2.0*L12*50		PB-89	2.0	D2.0*L20*55
	MB-11	1.5	D1.5*L10*50		PB-90	1.5	D1.5*L18*58
	MB-12	1.0	D1.0*L10*50		PB-91	1.0	D1.0*L13*55
Metal (Disk)	MB-14	0.6	D0.6*L03*50		PB-92	0.6	D0.6*L10*55
Metal (Reamer)	MR-01	3.5	D3.5*L18*55*180°	PMMA (Denture)	PB-93	4.5	D4.5*L25*60
	MR-02	2.6	D2.6*L18*55*180°	PMMA (Lollipop)	PB-94	3.0	D3.0*L15*60
	MR-05	2.3	D2.3*L18*55*120°	T-cutter	TC-82	2.0	D2.0*L08*50
	MR-06	2.3	D2.3*L18*55*90°		TC-83	1.8	D1.8*L08*50
	MR-07	2.3	D2.3*L18*55*30°		TC-84	1.5	D1.5*L08*50
	MR-09	2.4	D2.4*L18*55*70°		TC-97	2.3	D2.3*L07*50
	MR-10	2.6	D2.6*L18*55*30°	Flat Endmill	MF-15	2.0	D2.0*L18*55
	MR-11	2.4	D2.4*L18*55*140°		MF-45	1.5	D1.5*L07*50
	MR-12	2.6	D2.6*L18*55*90°		MF-71	0.6	D0.6*L05*50
	MR-13	2.7	D2.7*L18*55*70°	Bullnose mill	MFR-44	1.5	D1.5*L05*R0.1*50
	MR-14	2.3	D2.3*L18*55*70°		MFR-66	1.5	D1.5*L14*R0.2*50
	MR-15	2.3	D2.3*L18*55*180°		MFR-43	2.0	D2.0*L18*R0.2*55
	MR-16	2.4	D2.4*L18*55*90°	Thread	TH-69	M2.0*P0.4	M2.0*P0.4
	Metal (Drill)	MD-18	1.5		D1.5*L14*50	TH-70	M1.4*P0.3
MD-19		2.0	D2.0*L18*55		TH-95	M1.8*P0.35	M1.8*P0.35
MD-73		1.1	D1.1*L05*50	TH-99	M1.6*P0.35	M1.6*P0.35	
Zirconia (Long)	ZB-85	2.0	D2.0*L25*60				
	ZB-86	1.0	D1.0*L20*60				
	ZB-87	0.6	D0.6*L10*60				

Machine Line-up



Metal Disk (Co-Cr, Ni-Cr)

Metal Disk (Titanium)

Pre-milled Blank

Zirconia Block

Model		5X-200	5X-500	5X-500L
Axis		5 Axis	5 Axis	5 Axis
Processing		Wet and Dry	Wet and Dry	Wet and Dry
Max. RPM		60,000	60,000	60,000
Spindle Power		DC 3.0kw	AC 2.2kw	AC 2.2kw
A.T.C		15	20	20
Tool Shank (mm)		Ø6	Ø6	Ø6
Motor		Servo	Servo	Servo
Drive Mechanism		Ball Screw	Ball Screw	Ball Screw
Way System		Linear Guide	Linear Guide	Linear Guide
Total Size (W*D*H)		815*949*1755mm	689*918*1706mm	1078*921*1713mm
Weight (Machine / Table)		270kg / 135kg	230kg / 65kg	360kg / 110kg
Travel	X,Y,Z axis	325*142.5*144mm	227.5*125*131mm	227.5*125*131mm
	A / B axis	360° / ±30°	360° / +40° ~ -31.5°	360° / +40° ~ -31.5°
Disk Jig or Cartridge Type		O type	O type, C type	O type, C type
Number of Jig		-	-	12
Jig exchange		-	-	Auto
Materials				
Pre-milled Blank (Titanium)		◎ (5ea)	◎ (10ea)	◎ (10ea)
Co-Cr & Ni-Cr Disk		◎	○	○
Titanium Disk		◎	◎	◎
Lithium Disilicate		○	○	○
Nanocomposite		◎	◎	◎
Zirconia		◎	◎	◎
PMMA		◎	◎	◎
PEEK		◎	◎	◎
Wax		◎	◎	◎
Applications				
Implant Bar		◎	◎	◎
Screw-Retained Bridge		◎	◎	◎
Customized Abutment		◎	◎	◎
Hybrid Abutment		◎	◎	◎
Inlay & Onlay		◎	◎	◎
Crown & Coping		◎	◎	◎
Crown & Coping Bridge		◎	◎	◎
Model		◎	◎	◎
Bite Splint		◎	◎	◎
Denture		◎	◎	◎
Page		8-11p	12-15p	16-19p

Machine Line-up



5X-450	5X-400	5X-300 Pro
5 Axis	5 Axis	5 Axis
Wet and Dry	Wet and Dry	Wet and Dry
60,000	80,000	80,000
AC 1.28kw	AC 0.5kw	AC 0.5kw
15	10	12
Ø6	Ø4	Ø4
Stepping	Stepping	Stepping
Ball Screw	Ball Screw	Ball Screw
Linear Guide	Linear Guide	Linear Guide
791*791*1657mm	568*643*1616mm	568*641*1583mm
185kg / 65kg	100kg / 65kg	90kg / 65kg
245*116*130mm	146*122.3*106.5mm	167*119.8*94mm
360° / ±35.1°	±35.2° / 360°	±30° / 360°
C type	O type	C type
-	-	-
-	-	-
◎ (5ea)	○ (2ea)	X
X	X	X
○	X	X
○	◎	◎
◎	◎	◎
◎	◎	◎
◎	◎	◎
◎	◎	◎
◎	◎	◎
◎	◎	◎
◎	◎	◎
◎	◎	◎
◎	◎	◎
◎	◎	◎
◎	○	◎
20-23p	24-27p	28-31p

* Products are subject to change without notice to improve quality, function, design or otherwise. / ◎: High Compatibility / ○:

SILENT Compact CAM Suction

A SILENT SUCTION COMPACT CAM from Renfert Germany specially designed for your cam functioning. It's an silent dust collector suction which collect waste powder from your milling machine specially zirconia. Its an compact bag free extraction unit specially for compact dental cam units.



Advantages

- Bi-directional communication between extraction unit and CAM unit thanks to the PLC interface.
- Low operating noise of max. 55 dB(A).
- 3x longer service life in comparison to conventional collector motors (1000 operating hours guaranteed).
- No follow-up costs due to bag-free dust collection.
- Working without interruption due to uncomplicated motor change within minutes.



Technical Specifications

Permissible Mains Voltage / Frequency	230–240 V, 50/60 Hz
Nominal Voltage	230 V
Suction Turbine Power	490 W (230 V)
Volume Flow (Max.)	2500 l/min (1.47 ft ³ /s)
Filter Quality	Class M According To EN 60335-2-69
Cam Interface	RJ 45 Socket
PLC: Input Signal / Output Signal 2 x Turbine ON/OFF / 2 x Status Information Sound Pressure Level (LpA)	At Max. Volume Flow 55 dB (A)
Fill Level Dust Collector	~ 2.6 l (0.69 gal)
Weight (Empty)	~ 13.2 kg (29.1 lbs)
Dimensions (W x H x D)	245 x 440 x 500 mm (9.6 x 17.3 x 19.7")



**With PLC Interface Cable
for Better Performance
of Suction Motor**

SILENT powerCAM EC Suction

Extraction units for CAM systems

Powerful, bag-free extraction unit with automatic filter cleaning and EC motor technology for heavily used CAM units.

Advantages

- Bi-directional communication between extraction unit and CAM unit thanks to the PLC interface
- Low operating noise of max. 54.3 dB (A)
- Reliable production process through brushless EC motor technology (guaranteed runtime of 5000 operating hours)

Details

- High volume flow of approx. 4000 l/min
- No follow-up costs due to bag-free dust collection
- Safe disposal of fine milling dust with the help of a disposal bag



Technical Specifications

Permissible mains voltage	220–240 V 120 V 100 V
Permissible mains frequency	50/60 Hz
Power consumption	1610 VA (230 V) 1440 VA (120 V) 1250 VA (100 V)
Volume Flow (Max.)	3984 l/min // 2.34 ft ³ /s
Max. depression	257 hPa 262 hPa 255 hPa // 3.73 psi 3.8 psi 3.7 psi
Filter quality	Class M according to EN 60335-2-69
CAM interface	RJ 45 socket
Number of suction hoses	1
Sound pressure level (LpA) (at max. volume flow)	54.3 dB (A)
Weight (empty)	~18 kg // ~39.7 lbs
Dimensions (W x H x D)	270 x 535 x 540 mm // 10.6 x 21.1 x 21.2"
Ø suction fittings interior	42 mm // 1.65"
Fill level dust collector	~7 l // ~1.85 gal



Tool-free filter & motor change possible in a few minutes



With PLC Interface Cable for Better Performance of Suction Motor

Silence - CAM200

Dust Collector for CAM Systems



- Power supply :Single phase AC 220V-240V, 50/60Hz
- Motor's RPM : 32,000RPM
- Air pressure (Kpa) :23.7Kpa (230V) | 25.2Kpa (120V)
- Airflow (L/min) :3750L/min (230V) | 3660L/min (120V)
- Body Materials :ABS,PP,PETG
- Output power :1251W (230V)
- Current : 52A(230V)
- Control panel :Suction level display, filter alarm, Vacuum motor
- 1st Filter : ULPA filter(99.9995%) / Pocket filter (Option)
- 2nd Filter :Air filter
- Noise level: MAX 55dB
- Suction level :1-9step
- Motor operating temperature: 0-40°C
- Dimensions (Body): 295mm (W) x 330mm (D) x 695mm (H)
- This device can be linked with a micromotor controller.
- Filter replacement (cleaning) alarm by pneumatic sensor

Component

- Mainbody
- CAM interlocking cable
- Suction hose 2.Smeter

Optional Acc'y

- Pocket filter

Sintering Furnace - TABEO-1/M/ZIRKON-100



Product Features:

- High purity molybdenum-disilicide heating elements
- Maximum temperature 1650° C
- Service programs
 - A - Temperature control*
 - B - Purge heating chamber
 - C - Regenerate heating elements
- It can sinter 30 units simultaneously in 1 tray
- It can save upto 9 programs & No. of Programmable stages are 4

Technical Specifications: TABEO/M/ZIRKON-100

Working Temperature	1650° C
Heating Element	High Purity Molybdenum-Disilicide Heating Elements
Voltage Range / Frequency	220-240V /50-60Hz
Maximum Heating	25 Degree Celcius/Min
Display	LED
No. Of Elements	4
Thermocouple	Pt-Rh-Pt, Type S
Dimension	400/400/600MM
Gross Weight	55kg

Dental Sintering Furnace - Zircom

Made in Japan, the compact & user friendly Zircom Furnace from KDF is designed to sinter a variety of Zirconia materials.

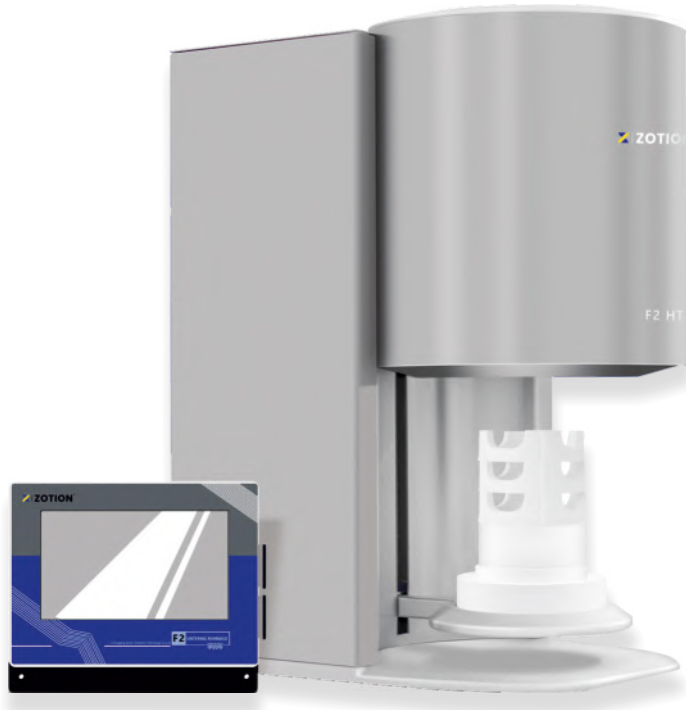


- It features molybdenum disilicide heating elements which provide clean consistent & reliable results.
- It can be programmed with 100 programs with 20 steps each.
- It has a quick firing program with a cycle of upto 1.5 hours with high temperature.
- It can sinter 75 units simultaneously with 3 stackable trays.
- Comes with SD cards which allows users to edit their firing programs

Technical Parameters: KJ-M1700-DL

Firing Platform	Ø95mm (3.74 inch)
Working Temperature	1600° C
Display	3.5 inch LCD Color Display
Heating Element	High Purity MoSi2
Working Power	AC 220V. 50/60Hz. Max. 2.5kVA
Dimension	12 (w) x 25 (h) x 18 (d) inches
Gross Weight	40Kg

F2- Fast Sintering Furnace



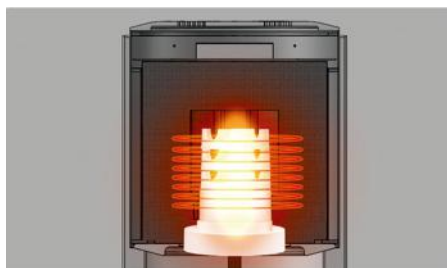
Fast Cool 2.0 Technology, cools down the furnace quickly without damaging the unit

Zotion Economic dental Fast Sintering Furnace F2 consist of a double shell structure with excellent insulation. The specially designed structure ensures that the furnace can achieve fast heating and cooling procedures, providing a cleaner working environment during sintering process. It can sinter zirconia block, glass ceramics and glazing.

Technical Parameters: F2 Fast Sintering Furnace	
Rated Voltage	Interflow 220 VAC + 20 %
Rated Power	2500W
Temperature Control Precision	+ 1°C
Size	420 * 320 * 600 mm
Net Weight	38.25 kg
Rated Temperature	maximum temperature 1650°C
Motor	Stepping
Max Heating Rate	100°C/minute
Sintering Chamber	100 * 200 mm, 3 layers sintering trays



Full touch screen for easier operations



3 Sintering trays can be put In the large sintering chamber



Maximum Heating Rate is **100°C per minute**



Silicon-molybdenum rods to generate heat



Excellent Temperature Accuracy: **+/- 1°C**



Smaller & Lighter: Zotion's Advanced Design

Repeatable, reliable and proven dental 3D printers. Trusted globally.

The Asiga Max is the world's most advanced digital dental 3D printer offering exceptional productivity in a small footprint. With 62µm HD print precision, the Asiga MAX is optimized for orthodontics, crown & bridge, surgical guides, dental models, custom trays and partial dentures in a lab and clinical environments. All Asiga printers are open to materials from any supplier for maximum flexibility and economy.

- Lifetime technical support guarantee
- Wifi connectivity
- Automated support generation
- Touchscreen interface
- Proven manufacturing reliability

Smart Positioning System Technology (SPS)

- The Smart Positioning System (SPS) is a series of positioning encoders that read the exact position of the build platform during each layer approach. This ensures the next layer is only exposed/formed once the build platform target position has reached.
- **Internal radiometer:** An internal radiometer actively monitors LED intensity during each build ensuring the correct light exposure is delivered for every layer
- **High power UV 385nm LED:** To print water-clear materials and many of the industry leading materials, a UV 385nm LED is required
- **Small pixel and accurate pixel placement:** Pixel size and pixel placement are important for re reproducing digital data accurately to achieve a precise fit. For dentistry, small pixel sizes are critical and we recommend between 47µm - 80µm depending on application.
- **Precise material curing:** Our open Material System allows for any suitable material to be printed. Material curing parameters for each material are generated by Asiga ensuring materials are cured accurately for repeatable results.



Accessories	MAX	MAX UV
Pixel Size X,Y	62µm	62µm
Build Size X,Y, Z*	119 x 67 x 75mm*	119 x 67 x 75mm*
Light Source	405nm	385nm
Z Resolution	Variable in 1 µm	
Material System	Open-use any 3 rd party material	
File Inputs	STL, SLC, STM	
Network Compatibility	WIFI and Ethernet	
Industry Sectors	Digital Dentistry / Lab Production	
System Size	260 x 380 x 370mm	
System Weight	17.5 kg	
Packaged Size/ Weight	410 x 500 x 480mm /20Kg	
Power	12VDC 10A	

SHINING 3D DENTAL

AccuFab-L4K High-Precision Resin 3D Printer

A high-precision resin 3D printer that improves prototyping efficiency and shortens the new product development lifecycle.



HIGH PRECISION






HIGH RESOLUTION

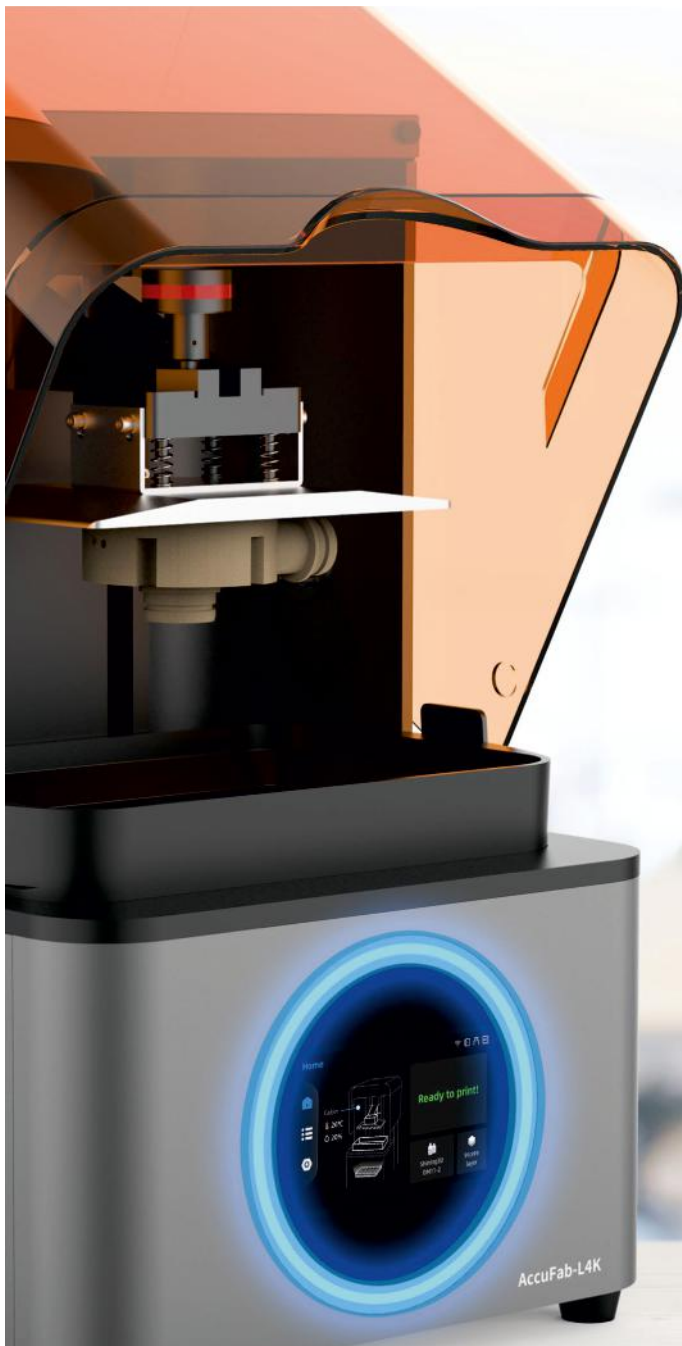


HIGH FIDELITY



MULTIPLE ENGINEERING MATERIALS

-  IT7 Accuracy
-  IT8 Accuracy
-  IT9 Accuracy



Technical Parameters: AccuFab-L4K 3D Printer

Optical Spec	Resolution: 3840×2400
	Pixel Size: 0.05 mm
	Wavelength: 405 nm
	Light Intensity: 3 mw/cm ²
Print Spec	Light Source: UV LED + LCD
	Print Size: 192 mm×120 mm×180 mm
	Print Speed: 10~ 50 mm/h
	Tolerance: ±0.05 mm
Environment Spec	Layer Thickness: 0.025 / 0.05 / 0.075 / 0.1 mm
	Working Temperature: 20°C ~ 30° Working Humidity: 30% ~ 70%

Others	Connection: Wi-Fi/Ethernet/Thumbdrive
	Weight: 19 kg
	Printer Dimensions: 360 mm×360 mm×530 mm
Available Materials	SHINING 3D Engineering Material: White Material: TR01 S1; Yellow Material: Dm12; Transparent Material: SG01; Black Material: S2; Washable Material: W1
	BASF Engineering Material: Durable Material: ST45; ST80; Rigid Material: RG35; RG50; Flexible Material: FI60; EI150
	Third Party Certified Resin: Third party resin materials approved by SHINING 3D, also can be used in AccuFab-L4K High-Precision Resin 3D Printer

Sonic Mighty 4K



Easy to Use

Print Big

Super Stable

Phrozen Sonic Mighty 4K LCD 3D Printer comes in simple yet well-protected packaging which all the necessary parts you need to jump start your printing. With an extended printing area of 9.3" & a 22cm Z-axis, Sonic Mighty 4K empowers makers to print larger and more ambitious builds that match your exact designs. But that's not all, Sonic Mighty 4K prints models in 4K quality, offers high-resolution printing at 51µm and brings your most ambitious creations to life with crazy details.

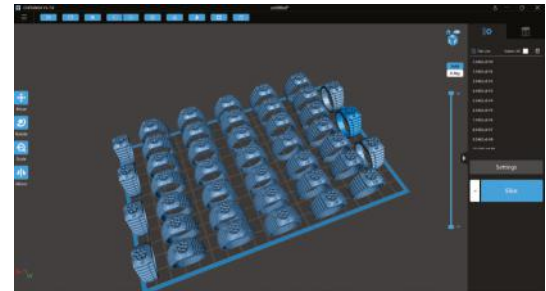
Technical Parameters: Sonic Mighty 4K

Operation	2.8" Touch Panel
Slicer Software	CHITUBOX
Connectivity	USB
Technology	Resin 3D Printer - LCD Type
LCD Specification	9.3" 4K Mono LCD
Light Source	405nm ParaLED Matrix 2.0
XY Resolution	52µm
Layer Thickness	0.01-0.30mm
Printing Speed	80mm/ hour
Power Requirement	AC100-240~50/60Hz
Printer Size	28 x 28 x 44 cm
Print Volume	20x 12.5 x 22 cm
Printer Weight	8 kg
VAT Material	Plastic / Metal

3D Printer

Exceptionally Productive

No more printing in batches. Print once and you will be ready with dozens of miniatures in no time.



Monochrome LCD Screen

Print up to 4 times faster than traditional 3D printers, taking only two seconds to print on layer. 2000 working hours guaranteed for all LCD screens.

Multi-Resin Compatibility

Works best with Phrozen's Aqua-Gray 4K, also compatible with 3rd party resins.



Ultra-High Resolution

At 4k, 52µm printing quality, Sonic Mighty 4K is the premium choice for printing out largers builds with extremely high resolution.

Mighty & Versatile

Designed and built for makers, Sonic Mighty 4K is powerful and suitable for personal and professional use.



Wash & Cure Plus-Dual Purpose

Inherit the features of previous generation and explore larger size and more powerful performance.

Wash & Cure Key Parameters

Machine	Wash and Cure Plus
Control Method	Digital Tube, LED Indicator, Control Knob
Power	40W
Input Voltage	AC 110V/220V ±10%
UV Lights	405 nm
Machine Size	290mm(L)*270mm(W)*479mm(H)
Washing Size	192mm(L)*120mm(W)*290mm(H)
Curing Size	190mm(D)*245mm(H)
Weight	~6.5kg



360° Curing

Equipped with L-shape strip light & reflective mirror sticker



Upgraded UV Lamp Beads

Added with optical lens for even and thorough Curing



More Powerful Washing

Multiple washing methods for more flexible model cleaning



Stronger Cleaning Power

The super-large cleaning vortex allows the liquid to clean every part of the model



Safer To Use

Automatically pause when the cover is removed



Anti-UV light Cover

Blocks 99.95% 405nm wavelength UV light



Easier Mode Switching

1-60min time selections provide more choices for washing & curing



Enclosed Washing Bucket

The washing bucket can accommodate larger size models

COMPRESSOR

Special Dry Air Compressor for CAD CAM Solutions

- **Reduced Moisture Content:** Delivers air with minimal moisture, essential for accurate bonding and material setting in dental procedures.
- **Enhanced Equipment Longevity:** Prevents moisture-induced corrosion, protecting sensitive CAD/CAM equipment like milling machines and scanners.
- **Improved Accuracy and Quality:** Ensures consistent material properties and accurate fitting of dental restorations by eliminating moisture-related warping.
- **Reduced Risk of Contamination:** Lowers the likelihood of bacterial growth by minimizing moisture, crucial for maintaining a sterile dental environment.
- **Better Patient Experience:** Reduces spray and splatter during procedures, enhancing comfort, and ensures high-quality restorations for patient satisfaction.
- **Increased Efficiency:** Minimizes equipment malfunctions and material distortions due to moisture, streamlining dental procedures and saving time.



GNATUS 70L

Specification	3 HP	4 HP	5 HP
Power (kw)	2.25kw/3HP	3kw/4HP	3.3kw
Max flow (L/min)	410	547	621
0.5MPa Airflow (L/min)	211	281	324
Noise dB(A)	≤70	≤71	≤75
Tank (L)	70	100	150
Package Dimension (mm)	1030×640×880	1210×710×920	1480×630×1000
Gross Weight (kg)	91	127	158
Dryer	In-built	In-built	In-built

PLASTPRESS

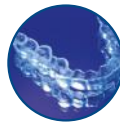
Plast Press Positive Pressure

The most compact positive pressure machine on the market, the PlastPress guarantees a higher copy fidelity and lower noise compared to vacuum machines. Practical and versatile, it allows making of molds of different materials with up to 6 mm thickness and accepts round and square plates.

It must be connected directly to a compressor at a pressure between 3 & 8 bar (43.5 to 116 psi)

Technical Specifications

- Available in voltages: 110 or 220V (not Bivolt)
- Weight: 7.5 kg
- Dimensions: (LxWxH) 27x24x27 cm



Carbon Fiber Resistance

Fast and uniform heating

Double-sided cast rack

Flat surface and tray for beads

Best cost X Benefit

Greater value for money

For all dental specialties

- ORTHODONTICS (aligners)
- PROSTHESIS (individual sheet, base sheet, provisory bridge)
- AESTHETICS (bleaching)
- SLEEP DENTISTRY (anti snoring & apnea devices)
- SPORTS DENTISTRY (mouthguards)
- BRUXISM AND TEETH GRINDING
- GENERAL CLINIC, AMONG OTHERS



The Transparent Solution To Align Teeth



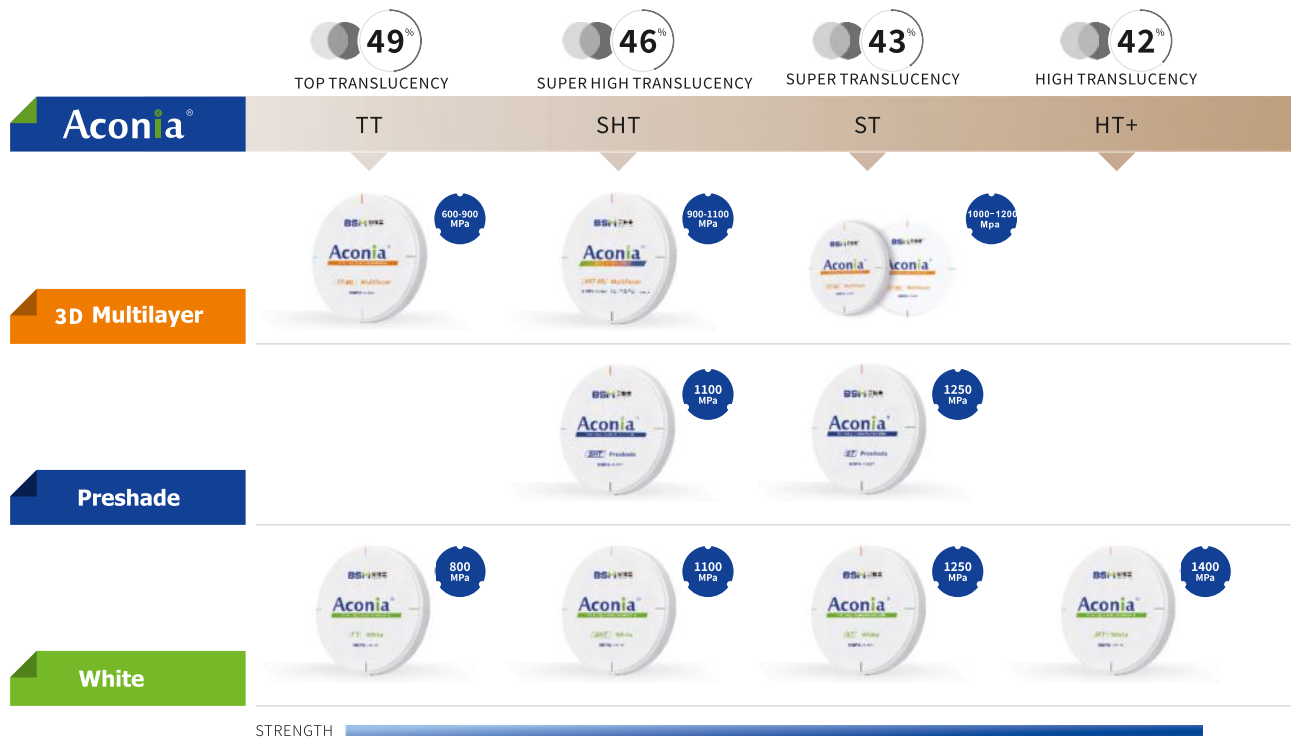
CE

- Special material, transparent and elastic, that allows to realize a dental aligner that produces a delicate strength and therefore more constant.
- Great elasticity that optimizes byte adaptation to dental morphology, attachment, and interdental spaces obtaining excellent results. A better adhesion allows a more stable contact point and also a more constant strength and therefore a more precise teeth movement.
- More comfort and better ease of insertion and removal. The aligners built with GHOST ALIGNER do not interfere with aesthetics and phonetics and also they do not cause any discomfort to the gums and teeth of patients.
- It shapes and finishes easily. Available in square format (125 x 125 mm) and round format (Ø 120 mm and Ø 125) with 0,50 mm, 0,75 mm and 1 mm thickness



Aconia® Zirconia

Zirconia Blanks, used in dental restorations like crowns and bridges, offer a blend of aesthetics, strength, and biocompatibility. They closely mimic natural teeth in appearance, ensuring a visually pleasing result. Renowned for their durability, zirconia restorations withstand biting and chewing forces effectively. These blanks are compatible with CAD/CAM technology, enabling precise, custom fittings. Additionally, their low thermal conductivity enhances patient comfort by minimizing sensitivity to temperature changes. Available in various translucency levels, zirconia blanks cater to diverse dental needs, combining functionality and aesthetics in modern dentistry.



STRENGTH

EFFICIENCY

Aconia® Zirconia

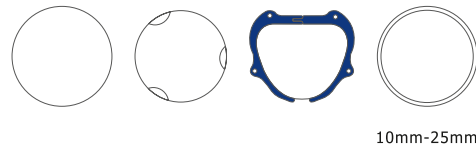
ST

Create the universal smile: the classic solution

- Strong with good millability
- Wide indications from coping to long-span bridge
- Attractive translucency with outstanding strength 1250Mpa
- Easy and fast coloring



Technical data	
Flexural strength(3-point)	1250±100 Mpa
Translucency	43%
Vickers-hardness HV10	1300±50
Density	>3 (g/cm ³)
Sintered Density	>6.02 (g/cm ³)
Chemical solubility	<50(µg/cm ³)
Radioactivity	<0.1/Bq.g ⁻¹
Fracture toughness	>5.5/(Mpa.m ^{1/2})
CTE	(10.5±0.5)*10 ⁻⁶ K ⁻¹



Indication						
Inlay & Onlay	Full contour crown	Coping	Full contour anterior bridge (3 unit)	Full contour posterior bridge (3 unit)	Full contour bridge (≤7 unit)	Full contour bridge (≤14 unit)

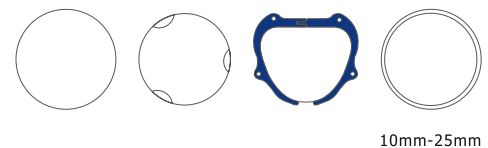
HT+

Create the unwavering smile: the economical solution

- The extraordinary strength of 1400Mpa grants a high level of process safety
- Easy veneering & individualizing
- Best option for coping & abutment



Technical data	
Flexural strength(3-point)	>1400 Mpa
Translucency	42%
Vickers-hardness HV10	1300±50
Density	>3 (g/cm ³)
Sintered Density	>6.02 (g/cm ³)
Chemical solubility	<50(µg/cm ³)
Radioactivity	<0.1/Bq.g ⁻¹
Fracture toughness	>9/(Mpa.m ^{1/2})
CTE	(10.5±0.5)*10 ⁻⁶ K ⁻¹



Indication							
Inlay & Onlay	Full contour crown	Coping	Full contour anterior bridge (3 unit)	Full contour posterior bridge (3 unit)	Full contour bridge (≤7 unit)	Full contour bridge (≤14 unit)	Abutment

Aconia® Zirconia

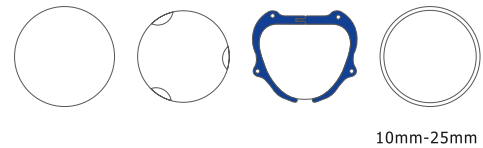
ST-Preshade

Create the best smile with speed

- Outstanding strength of 1250MPa combined with ideal translucency
- A wide range of indications for restorations from coping to long-span bridge
- Reproduce Vita shades perfectly
- Stable and reproducible results



Technical data	
Flexural strength(3-point)	1250±100 Mpa
Translucency	43%
Vickers-hardness HV10	1300±50
Density	>3 (g/cm ³)
Sintered Density	>6.02 (g/cm ³)
Chemical solubility	<50(µg/cm ³)
Radioactivity	<0.1/Bq.g ⁻¹
Fracture toughness	>5.5/(Mpa.m ^{1/2})
CTE	(10.5±0.5)*10 ⁻⁶ K ⁻¹



Indication						
Inlay & Onlay	Full contour crown	Coping	Full contour anterior bridge (3 unit)	Full contour posterior bridge (3 unit)	Full contour bridge (≤ 7unit)	Full contour bridge (≤14unit)

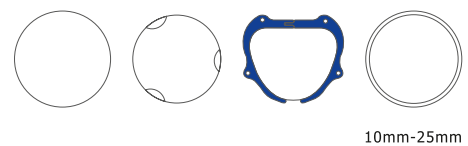
SHT-Preshade

Create the best smile with high efficiency

- Excellent strength combined with 46% translucency
- A wide range of indications for full contour restorations
- Reproduce Vita shades perfectly
- Efficiency and ideal results



Technical data	
Flexural strength(3-point)	1000±100 Mpa
Translucency	46%
Vickers-hardness HV10	1300±50
Density	>3 (g/cm ³)
Sintered Density	>6.02 (g/cm ³)
Chemical solubility	<50(µg/cm ³)
Radioactivity	<0.1/Bq.g ⁻¹
Fracture toughness	>5/(Mpa.m ^{1/2})
CTE	(10.5±0.5)*10 ⁻⁶ K ⁻¹



Indication							
Inlay & Onlay	Reduced crown	Full contour crown	Coping	Full contour anterior bridge (3 unit)	Full contour posterior bridge (3 unit)	Full contour bridge (≤7 unit)	Full contour bridge (≤14 unit)

Aconia® Zirconia

Aconia® 3D Multilayer Technology



Percentage above represents the thickness of each parts in the disc

- 3D - Shade+Strength +Translucency
- Excellent esthetic properties with integrated shade and seamless gradient
- Efficient, economical processing without the staining procedure
- Simplified Zirconia material selection through wide indication application options
- Simplified the nesting process
- Consistent color matching

What is 3D Multilayer?

- 1 Gradient Chroma:**
Increasing chroma from the top to bottom.
- 2 Gradient translucency:**
Increasing translucency from bottom to top
- 3 Gradient flexural strength:**
Increasing flexural strength from top to bottom

3D Multilayer	Translucency	Flexural strength
Aconia® <i>TTML</i>	49% ↑ 46%	600MPa ↑ 900MPa
Aconia® <i>SHTML</i>	46% ↑ 43%	900MPa ↑ 1100MPa

Coloring Liquids Standard & Master



50ml

Standard

- Precisely matched to VITA* 16 color system
- Well-suited for both dipping and brushing (paint-on) methods
- Fast-coloring & no color difference between pontic and neighboring crowns
- Ideal results applied on Aconia white blanks by Aconia Coloring Technology

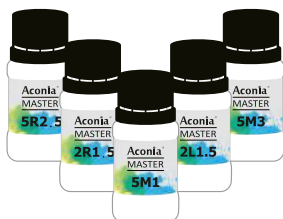
The terms marked with * are registered trademarks and/or brand names of the respective companies.



Master

- Precisely matched to VITA* 26 color system
- Well-suited for both dipping and brushing (paint-on) methods
- Fast-coloring & no color difference between pontic and neighboring crowns
- Ideal results applied on Aconia white blanks by Aconia Coloring Technology

The terms marked with * are registered trademarks and/or brand names of the respective companies.



50ml



Aconia® Zirconia

Artist



Artist
20ml

- Restore realistic, naturally lifelike appearance
- Reproduce rare and special colors
- Create esthetic art effect
- Enable individualized customization
- Start coloring process without preparing and mixing
- Deliver ideal results when applied on Aconia blanks



Special colors

Magic value



V1: Opaque



V2: Grey



V3: Blue

Natural gingival



G1: Pink

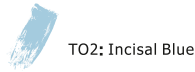


G2: Red

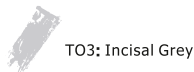


G3: Violet

Incisal translucency



TO2: Incisal Blue



TO3: Incisal Grey

Art fissure



P1: Sunrise



P2: Sunset



P3: Olive



O1: Orange



O2: Brown



O3: Vanilla

Stain & Glaze

Easy Operation

- With medium consistency, the paste will not fall apart or agglomerate easily.
- The paste can be applied evenly on the surface of zirconia and glass ceramics restoration.

Ultimate aesthetics

- The fluorescence component in the paste gives lifelike effect on the restorations.
- With the brightening component, coloring and glazing can be done at one time.



STAIN & GLAZE



Art.No.	Shade	Application
BSC 1	A	Mainly composed of red, yellow and little gray, used for dentin shade.
BSC 2	B	Mainly composed of dark yellow, little red and little gray, used for dentin shade.
BSC 3	C	Mainly composed of gray and little yellow, used for dentin shade.
BSC 4	D	Mainly composed of yellow, gray and little red, used for dentin shade.
BSC 5	Glaze	Provides gloss with transparency to the surface of the restoration.
BSC 6	Yellow	Yellow based with little red. Applied to give a yellowish tint, can be mixed with the 4 dentin shade.
BSC 7	Brown	Composed of brown and gray. Applied to reproduce dark brown stain.
BSC 8	Light Brown	Composed of yellow, little red and little gray.
BSC 9	Black	Applied to decrease the value of the chroma, can be mixed with the 4 dentin shades.

Art.No.	Shade	Application
BSC 10	Blue	Mainly applied to incisal part, to increase translucency.
BSC 11	White	Applied to create a crack effect, also for an opaque effect.
BSC 12	Pink	Applied to gingival area, also can be mixed with the 4 dentin shades.
BSC 13	Orange	Yellow based with a little red and gray shade.
BSC 14	Terracotta	Mainly composed of yellow and red, with a little black shade, applied to fissure.
BSC 15	Purple-gray	Purple based with a little gray shade, applied to incisal part, to increase the translucency.
BSC 16	Red	Applied to gingival area.
H	Blending liquid	Applied to adjust the paste consistence.



STAIN & GLAZE

CTE	(25°C-500°C) $(10.3 \pm 0.5) \times 10^{-6} K^{-1}$
Chemical stability	$< 100 \mu g/cm^2$
Storage	Room Temperature
Product specifications	Paste: 4g/bottle Blending liquid: 25ml/bottle
Strength	$> 50 MPa$

Indications

- veneering ceramics
- glass ceramics
- zirconium oxide (frameworks and full-contour restorations)



Our Esteemed Clients

LAB SCANNER USERS		
S. No.	Name of Users	City
1	Complete Prosthe Prosthetic Solution	Agra
2	Sai Dental Lab	Ahmedabad
3	Siddhi Vinayak Dental Lab	Ahmednagar
4	Mr. Atar Singh	Aligarh
5	Samartha Dental Lab	Akola
6	Jai Prakash	Amritsar
7	Vita Dental Lab	Anand
8	Finesse Dental Studio	Aurangabad-Maharashtra
9	Dr. Arvind Srinivas	Bengaluru
10	DVG Dental Lab	Bengaluru
11	V Dental Art	Bengaluru
12	Mahin Balachandran Sheeja	Bengaluru
13	Veristic Biotech	Bengaluru
14	Inam Dental Lab	Bareilly
15	Mr. Ravendra Kumar Jatav	Bhopal
16	Zirco Dental Lab	Bhopal
17	Vita Dental Lab	Bokaro
18	Ensureaui	Chennai
19	Creative Digital Laboratory	Coimbatore
20	Dr. Atul Gupta	Dehradun
21	Goyal CAD-CAM	Dehradun
22	Premrani	Delhi
23	wise Solution	Delhi
24	Dr. Ankur Gupta	Delhi
25	Dental Vista Pvt. Ltd.	Delhi
26	Smile Dental Art	Delhi
27	Perfect Dental Art	Delhi
28	Rare Metabolics	Delhi
29	Yarrow Dental Labs Pvt. Ltd.	Delhi
30	Shukla Dental Lab	Delhi
31	Chroma Dental Laboratory	Delhi
32	Ekdanta Dental Laboratory	Dhule
33	Ajay Confident Dental Lab	Gorakhpur
34	Dr. Yasir	Gorakhpur
35	Artisan Dental Lab	Gujarat
36	Sai Dental Lab	Gujarat
37	Lexier	Gurgoan
38	Tooth sketch Pvt. Ltd.	Gurgoan
39	Dr. Rohini Gowd	Hyderabad

LAB SCANNER USERS		
S. No.	Name of Users	City
40	Dr. Irfan Motiwala	Hyderabad
41	Vishal Dental Lab	Jagdalpur
42	Dr. Anand Gupta	Jhansi
43	NS CADCAM Dental Lab	Jaipur
44	Classic dental lab	Jamnagar, Gujarat
45	Krishna Dental Lab	Kakinada
46	Dentwhite Dental Lab	Kerala
47	Dr. Vikash Pathak	Karnal
48	Star Dental Lab	Kota
49	Shashwat Dental Lab	Lucknow
50	Pranjal Dental Laboratory	Lucknow
51	Dr. Vaibhav Misra	Meerut
52	Precision Dental Lab	Mohali
53	Sudhir Ji Precision Ceramic Art	Mohali
54	Dr. Kapil Mahajan	Mumbai
55	Dr. Rahul Shah	Mumbai
56	Dr Sagar Dombé	Mumbai
57	Precision Ceramic Studio	Mumbai
58	RPD Dental Art Pvt. Ltd.	Mumbai
59	Flash Orthodontics	Mumbai
60	Dr. Anand Tuteja	Mumbai
61	A. R. Dental Arts	Mumbai
62	Excel Dental Lab	Mumbai
63	Dr. Swapnil Gupta	NCR
64	Relation Dental lab	Patna
65	Siddhi Dental Lab	Patna
66	Shiv Dental Lab	Patna
67	The Poona Dental Lab	Pune City
68	Katara Dental Lab	Pune
69	Classic Dental Lab	Raipur
70	Emax Dental Art	Raipur
71	Sonu Dental Lab	Rishikesh
72	Dr. Priyank Rastogi	Roorkee
73	Novadent CADCAM Centre	Roorkee
74	Global Dental Lab Abhijeet	Roorkee
75	Vita Pro Dental Prosthesis Mfg. Unit	Sabarkantha
76	Siddhi Vinyak Dental Lab	Uttarakhand
77	Dr. Goverdhan Rao	Vijaywada

Installations till November 2023

Our Esteemed Clients

CAD CAM USERS		
S. No.	Name of Users	City
1	Saveetha Dental	Chennai
2	H.S Judge Dental College	Chandigarh
3	Sri Sai Dental College	Hyderabad



Roland DWX-52D Milling Machine Users		
S. No.	Name of Users	City
1	Ambey Dental Lab	Agra
2	Sai Dental Lab	Ahmedabad
3	Siddhi Vinayak Dental Lab	Ahmednagar-Maharashtra
4	Vita Dental Lab	Anand
5	V Dental Art	Bengaluru
6	Confident Dental Equipments Pvt. Ltd.	Bengaluru
7	Keshav Dental Lab	Bhopal
8	Vita Dental Lab	Bokaro
9	Saveetha Institute of Technical & Medical Sciences	Chennai
10	Samuel Prapthik	Coimbatore
11	Dr. Palanisamy Rajkumar	Coimbatore
12	Shree Dental Arts	Delhi
13	Cast A Bridge Dental Art Pvt. Ltd.	Delhi
14	Shree Dental Art	Delhi
15	Chroma Dental Laboratory	Delhi
16	Unitech Dental Art	Delhi
17	Curedent Implant & CADCAM Lab	Delhi
18	Dental Vista	Delhi
19	Super Kinetic Courier India Pvt. Ltd.	Delhi
20	Balaji Dental Art	Delhi
21	Ajay Confident Dental Lab	Gorakhpur
22	Leixir Resources Pvt. Ltd.	Gurugram
23	Kumaun Dental Lab	Haldwani
24	Sidhi Vinayak Dental Lab	Haldwani
25	Twin City Dental Lab	Hyderabad
26	Reddy Dental Lab	Hyderabad
27	VR 32 Dental Lab	Hyderabad
28	AMS Trading Company	Hyderabad
29	KKS Dental Lab	Imphal
30	Mr. Dileep Singh	Itarsi
31	Vishal Dental Lab	Jagdarpur
32	Naruka's Dental Lab	Jaipur
33	N.S. CAD CAM Dental Lab	Jaipur
34	Imran Alam	Jammu & Kashmir

Roland DWX-52D Milling Machine Users		
S. No.	Name of Users	City
35	Krishna Dental Lab	Kakinada
36	Star Dental Lab	Kota
37	Dr. Sajid Shaikh	Kurla
38	Pranjai Dental Laboratory	Lucknow
39	Dr. Devendra Mandhyan	Lucknow
40	Prince Dental Laboratory	Lucknow
41	Shashwant Dental Lab	Lucknow
42	ESD Digital Pvt. Ltd.	Lucknow
43	Dr. Chandan Jain	Ludhiana
44	Cad Cam Dental Laboratory	Moradabad
45	Procure Dental Clinic And Implant Centre	Mulund
46	Dr. Rahul Kumar	Mumbai
47	Excel Dental Lab	Mumbai
48	A. R. Dental Arts	Mumbai
49	Muskan Dental Lab	Noida
50	Proto Development Services Private Limited	Noida
51	Dimensions Dental	Patna
52	Siddhi Dental Lab	Patna
53	Ram Dental Laboratory	Phagwara
54	Vaishanavi Dental Lab	Raipur
55	Emax Dental Art	Raipur
56	Express Dental Ceramic Studio	Rajkot
57	Sonu Dental Lab	Rishikesh
58	Novadent CADCAM Centre	Roorkee
59	Global Dental Lab	Roorkee
60	Vita Pro Dental Prosthesis Manufacturing Unit	Sabarkantha
61	Sarvoday Dental Lab	Sri Ganganagar
62	Glazedent Lab	Sri Ganganagar
63	Replica Dental Lab	Surat
64	Dr. Rahul Kumar	Thane
65	Bharath Dental Lab	Tirunelveli
66	Sam Dental Lounge	Tuticorin
67	Dr. Saurabh Jain	Ujjain
68	Classic Dental Lab	Vadodra
69	Swastik Dental Lab	Varanasi

Installations till November 2023

Our Esteemed Clients

Roland DWX-52D Milling Machine Users		
S. No.	Name of Users	City
70	KRISHNA DENTAL LAB	Tamilnadu
71	Glazedent	Rajasthan
72	Mr. Bhushan Gupta	Delhi
73	Dr. Chandan Jain	Punjab
74	MR NAHID AKHTAR	Gujarat
75	Ranveer Singh	Rajasthan
76	Apex Dental Artt	Maharashtra
77	KM Dental Clinic C/o Dr. Gokul Kannan	Tamilnadu
78	Dentmax Dental Laboratory	Maharashtra
79	Dr. A. Mohamed Yaseen	Tamilnadu
80	Sukhraj Pal	Haryana
81	SUNRISE DENTAL LAB	Delhi
82	LEIXIR RESOURCES PVT. LTD. - SECTOR 33	Haryana
83	LEIXIR RESOURCES PVT. LTD. - SECTOR 33	Haryana
84	LEIXIR RESOURCES PVT. LTD. - SECTOR 33	Haryana
85	Bangalore Dental Lab	Karnataka
86	True Smile Dental laboratory	Rajasthan
87	Aar Dental Pointt	Delhi
88	Dr. Patel Vinaykumar G	Gujarat
89	Relation Dental Lab	Gujarat
90	MD. Jawed Akhter	Haryana
91	DR PALANIVELRAJAN JEYAMANI	Tamilnadu
92	R R Dental Labs Private Limited	Telangana
93	Kolkata Dental lab	Chandigarh
94	Rabindra Kumar	Jharkhand
95	Excellent Dental Lab	Gujarat
96	Mr. Wasi Uddeen	Uttar Pradesh
97	Mr Afzar	Haryana
98	Mr Karan Jain	Uttar Pradesh
99	Mr. Ram Vruksha	Gujarat
100	Mr. Pappu Singh	Bihar
101	Dr Mansi Bapu	Maharashtra
102	Dr Suman Panja	Maharashtra
103	R k Dental Lab	Punjab
104	Mr Rahul Kumarr	Haryana
105	Dr. Shiv Kumar Gupta	Chhatisgarh
106	A B Dental lab	Maharashtra
107	Mr. Ajay Kumar Thakur	Uttar Pradesh
108	Mr Sifait Lal Mandal	Delhi
109	Vinay Kumar Pandey	Bihar
110	Mr Satya Narayan Kumar	Bihar
111	Mr Devender Mehto	Bihar
112	Pradeep Chaudhary	Punjab

Roland DWX-52D Milling Machine Users		
S. No.	Name of Users	City
113	DR. RUBINDER SINGH	Punjab
114	Shree Seetaram Jee Dental Laboratory	Madhya Pradesh
115	Balaji Dental laboratory	Uttar Pradesh
116	SHUKLA DENTAL ART PVT. LTD.	Delhi
117	Dr ROHIT CHOPRA	Punjab
118	DR. JENNY LALMALSAWMI SAILO	Mizoram
119	SIDDHI VINAYAK DENTAL LAB - AHMEDNAGAR	Maharashtra
120	Siddhi Vinayak Dental Lab	Uttar Pradesh
121	CHARU DENTAL ART	Himachal Pradesh
122	Mr Ashwani Kumar	Chandigarh
123	Zoom Healthcare	West Bengal
124	Eugen Dental Lab	Karnataka
125	Dr Ranjith Reddy-	Telangana
126	Mujahid ali	Uttar Pradesh
127	Mr Rammohan	Punjab
128	Mr.Suresh Sahu	Punjab
129	Md Kismat Miyan	Bihar
130	Sunrise dental lab-	Gujarat
131	DENTOCRAFTS SERVICES PVT LTD.	Maharashtra
134	Responsive dental lab	Delhi
135	The Galaxy Arts	Assam
136	ALL INDIA DENTAL LAB	Delhi

Roland DWX-52DCI Milling Machine Users		
S. No.	Name of Users	City
1	Confident Dental Lab	Ahmedabad
2	Confident Dental Lab	Ahmedabad
3	Confident Dental Laboratory Pvt. Ltd.	Chennai
4	Confident Dental Laboratory Pvt. Ltd.	Chennai
5	Confident Dental laboratory Pvt. Ltd.	Mumbai

Our Esteemed Clients

Other Milling Machine Users		
S. No.	Name of Users	City
1	Complete Prosthetic Lab	Agra
2	Mr. Attar Singh	Aligarh
3	Inam Dental Lab	Bareilly
4	Zirco Dental Lab	Bhopal
5	Smile Creator - Dhanmantri	Chattisgarh
6	Goyal CAD CAM Lab	Dehradun
7	Shivellite Dental Lab	Delhi
8	Prem Rani Dental Lab	Delhi
9	Green Park Dental	Delhi
10	Sanora Dental Lab	Delhi
11	Dental Ceramist Art, Akash Bansal	Delhi
12	Apex Dental Lab	Delhi
13	Faridkot Dental Lab	Faridkot, Punjab
14	Dentaire Solutions	Ghaziabad
15	Dr. Yasir Afzal	Gorakhpur
16	Xpress CAD/CAM Center	Gurugram
17	Siddhi Vinayak Dental Lab	Haldwani, Uttarakhand
18	GLS Hanamkonda Dental Hospital	Hyderabad
19	Twin City Lab	Hyderabad
20	Mahalakshmi Dental Lab	Hyderabad
21	Dr. Manish Patidar	Indore, MP
22	Mrs. Deepa Bairath, Phoneix Dental Lab	Jaipur
23	Classic Dental Lab	Jamnagar
24	Dr. Anand Milling Center	Jhansi
25	Pathak Dental Clinic	Karnal
26	Shree Dental Lab	Kolhapur
27	Mithila Dental Lab	Ludhiana
28	Hi Tech Dental Lab	Malerkotla, Punjab

Other Milling Machine Users		
S. No.	Name of Users	City
28	Hi Tech Dental Lab	Malerkotla, Punjab
29	Dr. Umesh Kumar	Mohali
30	Mahajan Dental Lab	Mumbai
31	Dentocrafts Services Pvt. Ltd.	Mumbai
32	Dr. Rahul Kumar	Mumbai
33	Denxpert, Dr.Vinay	Noida
34	Dr. S Verma, Neohumantistic Health-care Pvt. Ltd.	Patna
35	Classic Dental Lab	Raipur
36	Vaishnavi Dental Technology	Raipur
37	Siyaram Dental Lab	Rajasthan
38	Rastogi Enterprise	Roorkee
39	Smile Dental Clinic	Vijaywada
40	Dr. Rohini Gouda	Warrangal
41	Dr. Vikram Gandhi	Delhi
42	Dr. Navneesh Manocha	Delhi
43	Dr. Raj Tiwari (Seagull Dental Science)	Delhi
44	Mr. Yashpal Singh Thakur	Gwalior
45	Dr. Siraj	Kerala
46	Vats Dental	Patna
47	Dentwhite Dental Lab	Trivendrum
48	Shukla Dental Lab	Delhi
49	Shirdi Dental Lab	Hyderabad
50	Dr. Irfan Motiwala	Hyderabad
51	Dr. Swapnil Pandey, PS Dental Lab	Mumbai
52	Mohmood Khan	Hyderabad
53	SHIV DENTAL LAB AMD	Ahmedabad
54	Nair Dental College and Hospital	Mumbai
55	DR. VIKRAM GANDHI	Delhi
56	Dr Shiva Shanti Kruthiventi	Hyderabad
57	DR. VIKRAM GANDHI	Delhi
58	RP Dental	Gandhi Nagar

Wear it with A Smile



SCAN | DESIGN | PRINT | VACUUM FORM

Clear Aligner Solutions for Orthodontists

3shape 

SHINING 3D
DENTAL

 phrozen

ASIGA®

 VOXEL EDGE

 bio-art
bio-art dental

OUR VALUED PARTNER

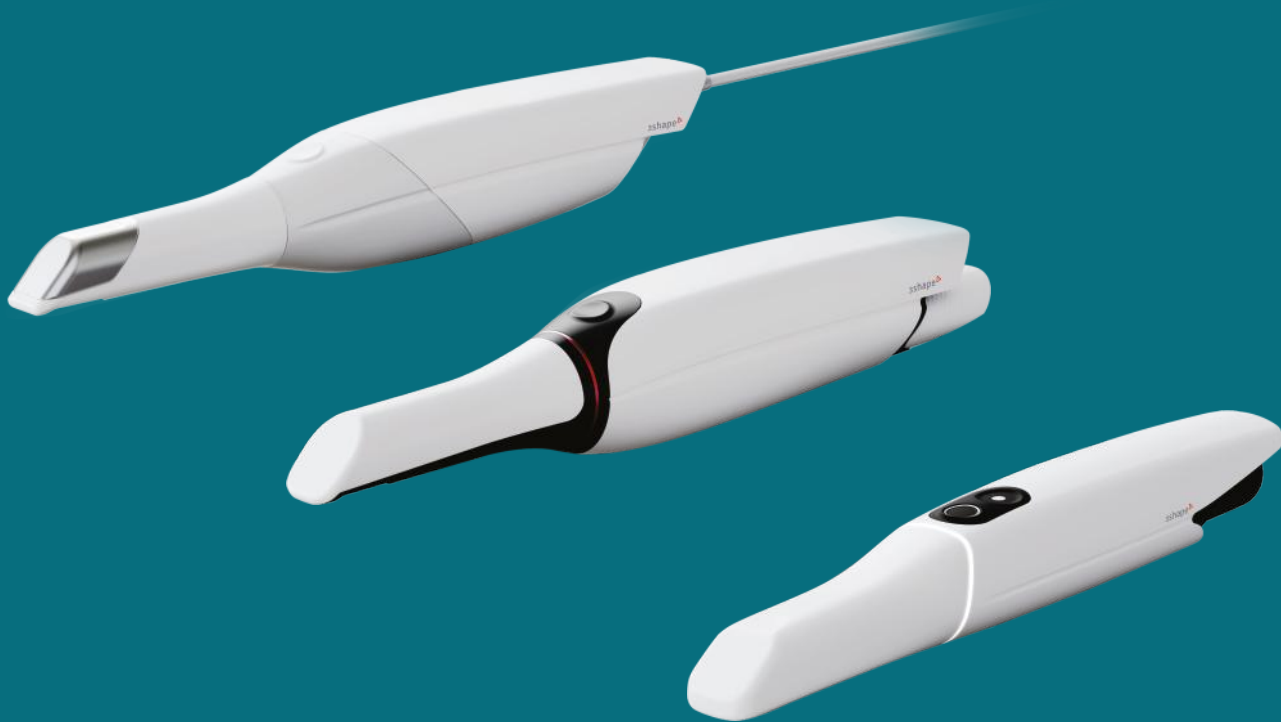


Clear Aligner Workflow

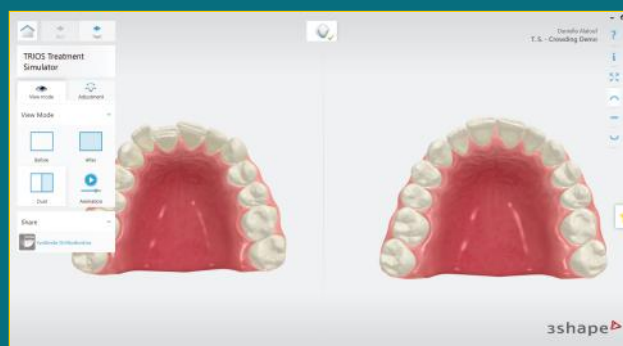


3shape 

TRIOS Intraoral Scanner



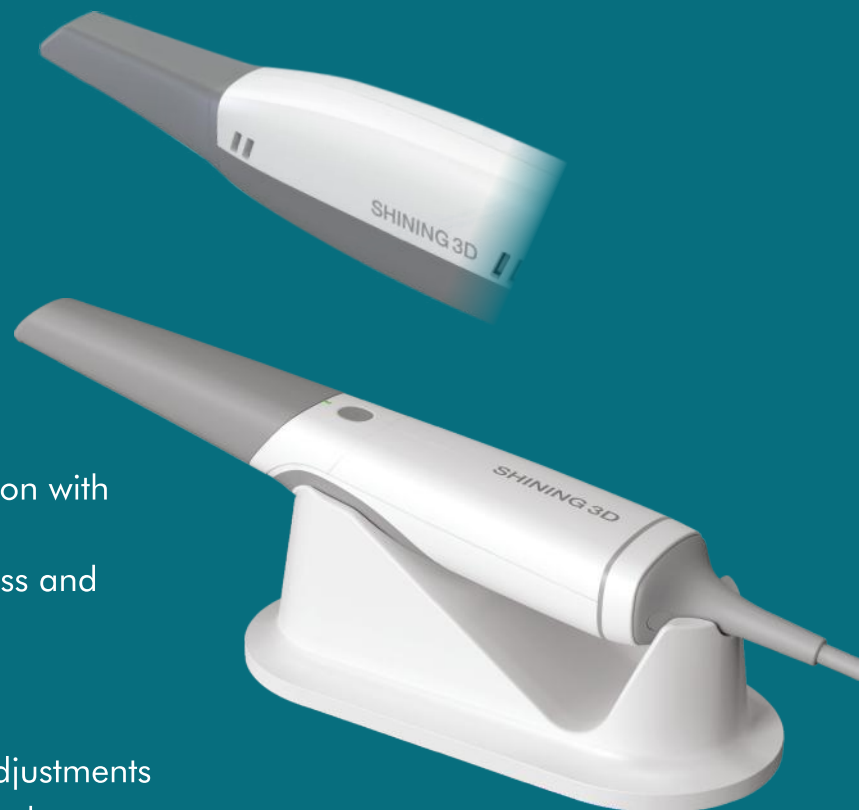
- ✦ Fast & Easy
- ✦ RealColor™ Scans
- ✦ Shade Measurement
- ✦ IOC & HD Photo
- ✦ Automatic soft tissue removal
- ✦ Accuracy 6.9 μm
- ✦ Easy view, edit, rescan
- ✦ Automatic bite registration



**SHINING 3D
DENTAL**

SHINING 3D Intraoral Scanner

JUST SC[🦷]N IT



- ✦ Fast speed, intuitive communication with motion sensing
- ✦ High accuracy, powerful AI process and realistic color
- ✦ Data cloud platform
- ✦ Ortho stimulation
- ✦ Model making with coordinate adjustments
- ✦ Oral health report - more informed, more engaged

Ortho Treatment Simulator - See it, Believe it, Get it!

Before Tooth Setup



After Tooth Setup



Scan Me

Show your smile to your friends & family even before starting your treatment.

3shape 

E2 Red Lab Scanner

Increases productivity and texture scanning



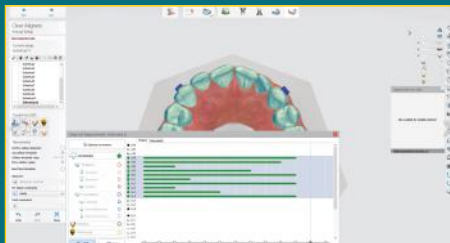
- ✦ 2 x 5 MP cameras, Blue LED Multiline
- ✦ Accuracy (ISO 12836 / implant): 10 μ m/12 μ m
- ✦ Scan speed (arch): 24 sec
- ✦ Scan speed (full arch impression): 72 sec
- ✦ Texture: B&W
- ✦ Scanning Strategy: Standard

3shape 

Digital Orthodontics

3Shape Clear Aligner Studio

Clear Aligner Studio is the fast and easy way to bring clear aligners into your lab's production workflow. Clear Aligner Studio's guided workflow takes you through the process and steps you need to complete clear aligner cases. Choose the production



Full treatment control

Get more control over tooth movements and improved visualization with enhanced setup and staging



One integrated workflow

Quickly scan, design and prepare files for production using one integrated workflow



Increased efficiency

Save time and increase efficiency with new automated features : ID tagging, attachment placing and more.

PRINT

Send to Manufacturing Center



Orthodontics: Can deliver almost up-to-the-mark accuracy for dental models.
Delivering enhanced outcomes for end customers.



MODELS

Print In-House

ASIGA[®]



- + Smart Positioning System Technology (SPS)
- + Internal radiometer
- + High power UV 385nm LED
- + Small pixel and accurate pixel placement
- + Precise material curing

Max

SHINING 3D DENTAL



- + High Precision
- + High Resolution
- + High Fidelity
- + Multiple Engineering Materials

AccuFab-L4K

phrozen



- + XY Resolution: 52 μ m
- + LCD Specification: 9.3" 4K Mono LCD
- + Light Source: 405nm ParaLED Matrix 2.0
- + Layer Thickness: 0.01-0.30mm
- + Maximum Printing Speed: 80mm/hour

Sonic Mighty 4K



VACUUM FORM

Plast Press Positive Pressure

The most compact positive pressure machine on the market, the PlastPress guarantees a higher copy fidelity and lower noise compared to vacuum machines, Practical and versatile, it allows making of molds of different materials with up to 6 mm thickness and accepts round and square plates.

It must be connected directly to a compressor at a pressure between 3 and 8 bar (43.5 to 116 psi)

- ✦ Carbon Fiber Resistance
- ✦ Double-sided cast rack
- ✦ Best cost X Benefit
- ✦ For all dental specialties
 - ✦ Orthodontics (Aligners)
 - ✦ Aesthetics (Bleaching)
 - ✦ Sports Dentistry (mouthguards)
 - ✦ General Clinic, among others
 - ✦ Prosthesis (Individual sheet, base sheet, provisory bridge)
 - ✦ Sleep Dentistry (Anti snoring & Apnea devices)
 - ✦ Bruxism & Teeth Grinding

**UNICORN
DenMart**  [®]
Behind The Best Indian Dentists

 **VOXEL EDGE**

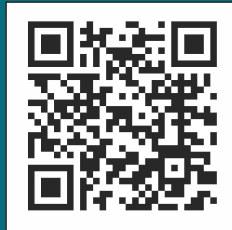
For Further Details



85277 00805, 97178 92258



cadcamcrm@unicorndenmart.com



SCAN TO VISIT OUR WEBSITE

Corporate Office: 3 Local Shopping Centre, MOR Land, Near J Block
DDA Market, New Rajender Nagar, New Delhi – 110060

