

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

 **DTE** [®]
WOODPECKER

Scalers

Light Cure Unit

Piezosurgery Unit

Apex Locator

Implant Micromotor

Endodontic Equipment

DIGITAL PIEZON ULTRASONIC SCALER

U6 LED SCALER

- ✦ Sine wave drive that increases patient comfort
- ✦ Smart ultrasensitive touch system with waterproof design
- ✦ Detachable Aluminum alloy handpiece with sealing technique makes it easy to autoclave
- ✦ Automatic frequency tracking for more efficient removal of hard calculus
- ✦ Intelligent degenerative system to boost clinical performance
- ✦ Enhanced endo functions
- ✦ 3 Modes: General, Perio & Endo
- ✦ Comes with 7 Tips: 2S, 3P & 2 Endo Irrigation Enhanced endo functions
- ✦ 3 Modes: General, Perio & Endo
- ✦ Comes with 7 Tips: 2S, 3P & 2 Endo Irrigation



Detachable metal aluminum alloy handpiece with latest sealing technique making it able to be autoclaved.

DTE - D7 Optic Scaler

- ✦ Auto water supply function & portable for easy operation.
- ✦ Hydrogen peroxide, sodium hypochlorite, and chlorhexidine can be used under auto water supply Solenoid valve system that Improve the effect of periodontal treatment and endodontic irrigation dramatically & prevent rusting.
- ✦ Optic handpiece is detachable & autoclavable upto 1340 C at 0.22MPa
- ✦ Automatic frequency tracking, automatic degenerative feedback and constant power output brings more comfortable scaling.
- ✦ Comes with 8 tips (4 S, 2 P, 1 Stain Removal), 1 Endo attachment & 4 endo files.



Scaling

Perio

Endo

Handpiece with LED

Auto water Supply



Expert in endodontic irrigation

DIGITAL PIEZON ULTRASONIC SCALER

DTE -D5 OPTIC SCALER

- ✦ Detachable & autoclavable handpiece
- ✦ Works on 3 modes: General, Perio & Endo
- ✦ Automatic frequency tracking
- ✦ Microcomputer controlled
- ✦ Enhanced Endo function
- ✦ Automatic degenerative feedback for constant power output
- ✦ With 6 Titanium Scaling tips (3 S, 1 P, 1 Stain Removal) & 1 Endo attachment



DTE -D3 SCALER

- ✦ Detachable & autoclavable handpiece
- ✦ Works on 2 modes: General & Perio
- ✦ Automatic frequency tracking
- ✦ Microcomputer controlled
- ✦ Automatic degenerative feedback for constant power output
- ✦ Athermic Stainless steel 5 Tips (3 S, 1 P, 1 Stain Removal)



INBUILT SCALER V2 LED

- ✦ Device with Endo mode for enhanced accuracy in root canal treatment
- ✦ Detachable and autoclavable handpiece at 134° C handpiece
- ✦ Handpiece is compatible with Satelac, NSK tips
- ✦ Automatic frequency tracking facility for easy removal of hard calculus
- ✦ Automatic degenerative feedback provides a constant power output
- ✦ Athermic and golden coated tips are highly durable



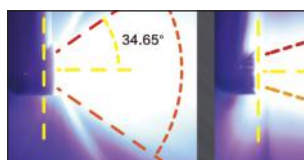
SCALER HANDPIECES & TIPS

- ✦ Efficient Plaque/Tartar Removal: Quick and effective, ideal for challenging areas
- ✦ Time-Saving: Speeds up scaling procedures, optimizing clinic time
- ✦ Precision with Patient Comfort: Targets specific areas gently, improving patient experience
- ✦ Ergonomic Design: Reduces physical strain during long procedures.
- ✦ Adjustable Settings: Customizable for patient sensitivity and specific oral conditions
- ✦ Increased Patient Satisfaction: Comfortable, less invasive and faster treatments
- ✦ Improved Oral Health Outcomes: Aids in better hygiene management and disease prevention
- ✦ Versatile Use: Suitable for a variety of dental procedures.

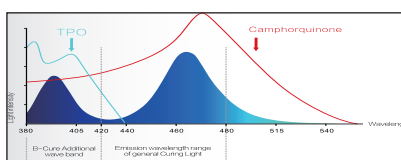


O-LIGHT PLUS LIGHT CURE UNIT

- ✦ Upgraded wide spectrum 385nm-515nm
- ✦ Poly wave Blue-violet light, it can cure all types of resins
- ✦ New style resins material contains TPO (photo initiator), can also be cured
- ✦ 360° curing - reaches every angle
- ✦ Modes: 1> High Mode – Suitable for Orthodontic Brackets, Porcelain Veneers, Post and 2> Standard Mode – Suitable for General Dental Restorative Procedures
- ✦ Light Intensity: High Mode: 2300~2500 mw/cm² Standard Mode: 1000~1200 mw/cm²
- ✦ Time Settings: High Mode: 1 Sec, 3 Sec Standard Mode: 5 Sec, 10 Sec, 15 Sec, 20 Sec



Upgraded focused light output



O-Light plus Spectral Curve & Resin Spectral Absorptivity



Metal head prevents Anti-shock & cracks



Light hood prevents eyes from Blue-ray injury

LIGHT CURE UNIT

- ✦ 1 Sec Curing of Composite Resin
- ✦ High power LED Light with imported wick from America
- ✦ High-intensity light output with strong penetration
- ✦ 360° rotatable probe
- ✦ High power Visible Blue LED light
- ✦ Wavelength: 420 – 490 nm
- ✦ Modes: high mode: 1 sec, 3 sec
- ✦ Standard Mode: 5 sec, 10 sec, 15 sec, 20 sec
- ✦ High mode for fast curing of post & core, orthodontic brackets, veneers in intensity 2300 mw/cm²
- ✦ Standard mode for curing in restoration cases in intensity 1200 mw/cm²

O-Light



1 Sec Curing

IMPLANT MICROMOTOR

Implant-X

Master in placing Dental Implants with Stability, Precision & Safety

Specification	
Rotation Speed Range	300-40,000 rpm
Motor Torque	6.2 Ncm
Torque Range (Gear 20:1)	5Ncm-80Ncm
Max Pump Output	110ml/min
Main Unit Dimensions (L X W X H)	276mm X 267mm X 10mm
Motor Dimensions	23.4mm X L91mm
Motor Weight	140g
Max. Pump output	110ml/min
Power Supply	AC 220V 50/60Hz



Powered By:



German Bearing



LED Swiss Motor

- ✦ Dismantable LED Handpiece with German Bearings: Guarantee performance & durability of contra-angle
- ✦ Perfect Balance: Balance between the weight of contra-angle and motor guarantee & reduces fatigue in complex surgeries

- ✦ Intuitive User Interface: Large 7" colour touch screen easy to clean & maintain
- ✦ Mute Peristaltic Pump: Easy to connect and compatible with disposable water tubings
- ✦ Flexible Multi-Function Foot Pedal: For aseptic operations



ADVANCE PIEZOSURGERY UNIT

Surgery-X

The Third Generation Woodpecker Piezosurgery

Woodpecker DTE Surgery X,
A Piezosurgery Unit to perform precise
and safe osteotomy procedures

Include 2 Fiber Optic Handpieces
& 14 Tips (Basic + Sinus Lift Kit)

- ✦ Selective cutting with no injury to soft tissue
- ✦ Enhanced precision in bone cutting with a soft tissue-sparing technique
- ✦ Micrometric bone cutting for reduced patient stress and post-operative trauma
- ✦ Cavitation the effect for bloodless surgery
- ✦ Cold cutting mode

Clinical applications

Minimally invasive tooth extraction, direct or indirect sinus lift, alveoloplasty, retrograde endo, apicoectomy, crown extension, alveolar ridge splitting, implant site preparation, impaction, etc.

Technical Specification :

- ✦ Dimensions: 276mm x 267mm x 110mm
- ✦ Water Flow: 25~110ml/min
- ✦ Power: 5 - 70W
- ✦ Working Frequency: 24-36KHZ
- ✦ Weight: 2.8 kg
- ✦ Vibration the amplitude of tip: 20-100 mm
- ✦ Surgical Incision: 3.5mm long, 0.5mm wide
- ✦ Mains voltage: 100-240V~50Hz/60Hz 150VA
- ✦ Intermittent running with 10s pause after 60s operation

70
Watts

5 Yrs
warranty
on PCB



Four different working modes are set :

- ✦ Bone Mode
- ✦ Perio Mode
- ✦ Endo Mode
- ✦ Clean Mode

Tips Kit

Specialised kits for various surgical Osteotomy procedures e.g. tooth extraction, crest splitting & retrograde endo preparation etc.



7-Inch touch screen

7- inch screen with clear display operate directly by tapping the screen, easy to clean & maintain



Multi-function Foot Pedal

Foot Pedal simplifying operation procedures with aseptic control



14 Tips



ENDODONTIC EQUIPMENT

ENDO RADAR PRO

Brushless Endomotor with integrated Apex Locator

- ✦ Improved Brushless Endomotor with integrated Apex Locator
- ✦ The two-in-one function allows root canal preparation with simultaneous length determination
- ✦ Ultra-compact cordless handpiece with super-mini contra-angle
- ✦ 360° rotatable contra angle with apex action
- ✦ Wireless charging of the handpiece with large capacity battery
- ✦ Speed range: 100 – 2500 rpm
- ✦ Torque Range: 0.4 – 5.0 Ncm
- ✦ 6:1 gear ratio handpiece with 11 user-defined modes
- ✦ ATR mode: After the pre-set torque is reached, the file will reciprocate according to the set angle

ATR mode: After the preset torque is reached, the file will reciprocate according to the set angle



Circumference reduced by 7mm

Wireless charging for longer endurance



ENDO FREE

High Performance Brushless Endo Motor

- ✦ Low wear, low heat and longer service life
- ✦ Lightweight cordless handpiece offers better hand feeling
- ✦ Compatible with Apex Locator DPEX V
- ✦ 6:1 mini contra-angle delivers broader operation field
- ✦ High performance brushless motor
- ✦ High torque and fast response
- ✦ More accurate and more stable output, enabling more efficient preparation
- ✦ Speed: 100rpm- 1500rpm
- ✦ Torque: 0.4N.com-4.2N.cm

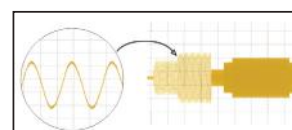
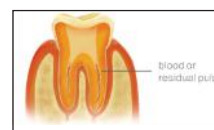


360° rotatable contra-angle
more flexible operation

DPEX V

Woodpecker Apex Locator, with more than accurate value to help you in working length determination during root canal treatment.

- ✦ 6th generation apex locator for measurement in presence of blood, pus, residual pulp or saliva etc.
- ✦ 97.71% accurate than the conventional radiography method
- ✦ Multi-frequency impedance technology precisely measure irrespective of the tooth type
- ✦ File clip, hook, file probe can be easily Autoclavable to avoid cross-contamination
- ✦ Display: Multi-color 4.5" LCD display
- ✦ Main unit weight: 385gm
- ✦ Dimensions: 138mm x 77mm x 107mm





WHERE **TRUST** COMES FIRST



**Warranty Ke Saath Bhi
Warranty Ke Baad Bhi**

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* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

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