



New Arrivals 2025

Build Your Imagination



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ZMN-XC-171 V1.0

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I. Prevention Solution

PT-E

Introducing the Future of Dental Care



Dual Heating Systems

Provides warm water for both ultrasonic and airstream functions, enhancing patient comfort

New Airstream Nozzle Design

Even water distribution, low-noise operation, and enhanced patient experience

Titanium Alloy Handpiece

Lightweight, durable, and anti-slip for stable and comfortable grip

Six Ultrasonic Modes:

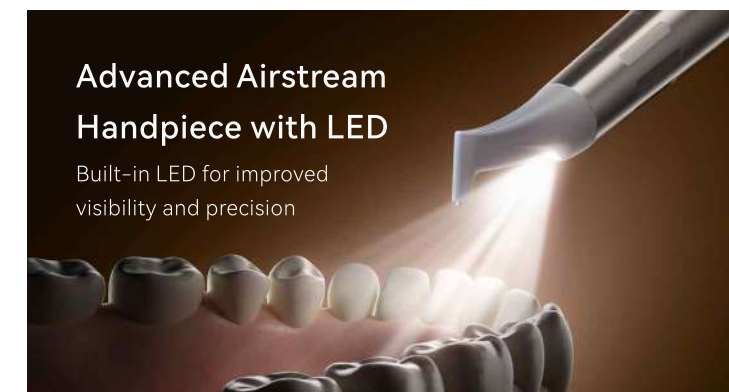
Tailored for diverse clinical needs:

- G Mode** Ultra scaling, soft scaling
- P Mode** Periodontal treatment, implant maintenance
- E Mode** Endodontic treatment, irrigation



Advanced Airstream Handpiece with LED

Built-in LED for improved visibility and precision



Illuminated Powder Container:

LED lighting differentiates powder types for easier identification, streamlining clinical operations:

White light: sodium bicarbonate powder

Green light: erythritol or glycine powder



II. Endodontic Solution

Endo GT Series

Embrace A New Era of Intelligent EndoMotors

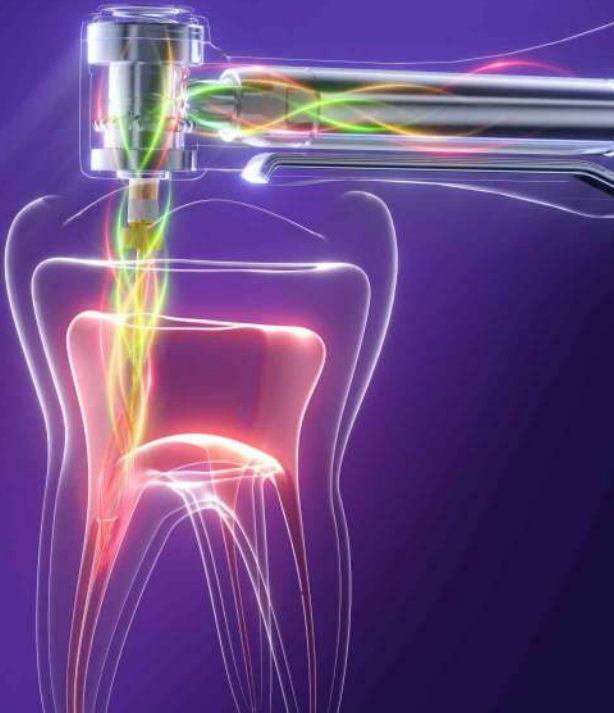
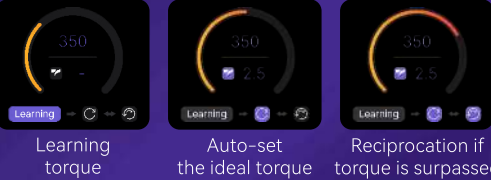


Endo GT Series	Endo GT Mini	Endo GT	Endo GT Pro	Speed: 50-3000 rpm	Torque: 0.4-5.0 N·cm	Ratio of contra-angle: 6:1
Built-in AL in Handpiece	✗	✓	✓	Working modes: EAL, CW, CCW, REC (SGP), ATR, TorqueSense, T-mode	Integrated LED: 0-3.5 Lumen	
Built-in AL in Main Unit	✗	✗	✓			

TorqueSense™ An Intelligent Torque Setting

Woodpecker introduces innovative intelligent torque determination through dentin resistance analysis. The Endo GT Series intuitively learn the torque required to cut dentin and automatically set the ideal torque for each portion of the canal. This ensures sufficient tailored cutting power while protecting against torsional fatigue and file separation.

- The motor automatically detects torque and determines the optimal safety threshold based on the file's cutting surface area.
- Proprietary technology automatically switches to a secure right-cutting reciprocating mode when torque exceeds the tailored torque threshold.
- No need to pre-set torque values for different files.



ClearSignal™ A Powerful Aid for Electronic Readings Accuracy

Unstable or inconsistent electronic measurements can lead to inaccurate readings. ClearSignal™ technology evaluates the strength of the electronic signal, helping determine whether the connection is reliable for accurately locating the foramen exit.

- Displays real-time electronic signal strength
- Tap the center dial for instant on-screen alerts and guidance



Improved Handpiece Response

The Endo GT Series lead the way with advanced handpiece control technology, ensuring reciprocation angles align precisely with today's diverse file specifications. The system also allows quick access to two unique kinematic modes:

- TorqueSense**
Effortless torque control with precise adjustments
- T-Mode**
Multiple preset configurations for different tasks
- ATR Mode**
Reciprocation is ignited when the torque is surpassed as a safety feature

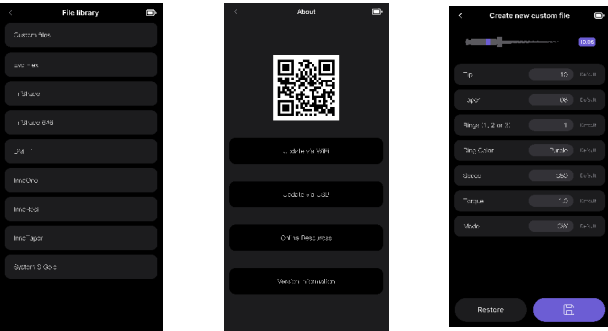


Contra-angle Head with LED Light

Ultra-slim 8mm head
Adjustable cold light

Customizable File Library

- Built-in file library with generally used file parameters
- WiFi cloud sync for instant updates
- Easily create and customize file systems to meet your protocol requirements



6-inch HD Touchscreen

- Stunningly bright, even under surgical lights
- Quick preset interface



Cordless Freedom Magnetic Docking

- Completely cordless handpiece and base
- Magnetic docking between handpiece base and main unit base



Smart A Pro

Make Smart Technology Accessible

Speed: 50-2500 rpm Torque: 0.4-5.0 N·cm Ratio of contra-angle: 6:1 Built in AL: Yes
Working modes: EAL, CW, CCW, REC(SGP), LB, BB, TorqueSense Weight with CA: 110.8g

Compact Cordless Handpiece

- Mini 6:1 insulated contra-angle for better visibility
- Polymer material contra-angle endures 700 sterilizations
- Ergonomic cordless design for free, smooth operation



Advanced Smart Modes

- BB Mode** 90° intermittent rotation (1-second intervals) for efficient calcified canal negotiation
- LB Mode** Progressive reciprocation (5° incremental variation) for precise ledge bypassing

ClearSignal™

A Powerful Aid for
Electronic Readings Accuracy



An Intelligent Torque Setting

Learning torque

Auto-set the ideal torque

Reciprocation if torque is surpassed

812 MT

Worldwide Unique Endo Motor and Apex Locator with Sonic Vibration



Upgraded T-mode Plus = Rotation + Vibration Ideal Filling of Small Anatomical Spaces

- Two-pronged approach to assist MTA compaction
- Biofilm disruption by sonic instrumentation
- Three vibration powers optional
- T-mode for safer ledge bypassing
- Can be connected to Ai-Pex, large screen for clearer and more intuitive display
- Two-in-one built-in apex locator
- Customizable reciprocating angle
- High performance brushless motor

Perfect Partner

- Normal Vertical motion
-
- 360° rotatable
Super mini contra-angle × 2
- Larger operating field of view
No dead angle in the treatment process

- Vertical charging base × 1
Horizontal charging base × 1
Motor handpiece × 1
Contra-angle × 2
Wireless pedal × 1
Spray nozzle × 2
Measuring wire × 1
File clip × 4
Lip hook × 2



Yoshi Terauchi

Prof. Dr. Yoshi Terauchi

Speed: 50-2500 rpm
Torque: 0.4-5.0 N·cm
Ratio of contra-angle: 6:1
Weight with CA: 184g
Built in apex locator: Yes
Working modes: EAL, CW, CCW, REC(SGP), ATR, T-Mode, T-Mode+
Battery: 2000 mAh

Woodpex X MHN

Signature



Developed With
Prof. Dr. Mohammad Hossein Nekoofar

Dpex X MHN



Micro Hole Negotiator

Advanced Electronic Technology
for Measuring Capacitance Values

Locating the Calcified Root Canal Orifices

The MHN mode allows for the effective location of pulp chambers, even when they are partially calcified and present as disc-like structures, and also helps in finding the orifices of calcified canals.



Dual-Area Control Double Convenience

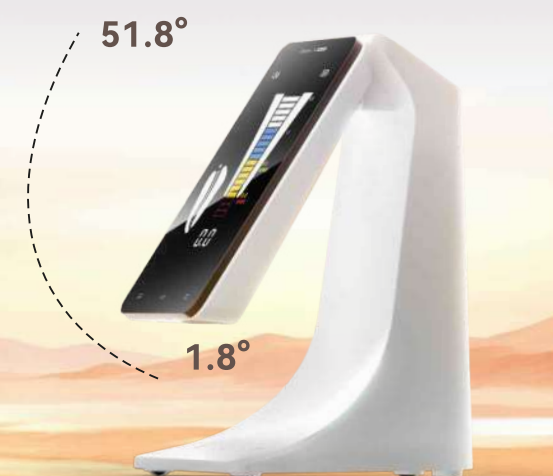
Unlike traditional apex locators, our device features operation buttons on both the screen and base, providing enhanced ease of use and greater efficiency. Control at your fingertips, anytime!



Adjustable Screen for Maximum Comfort

Tilt the screen from $+1.8^\circ$ to 51.8° and stop it at your preferred angle

Reduce neck and back strain during procedures and stay focused on precision



2 Sound levels



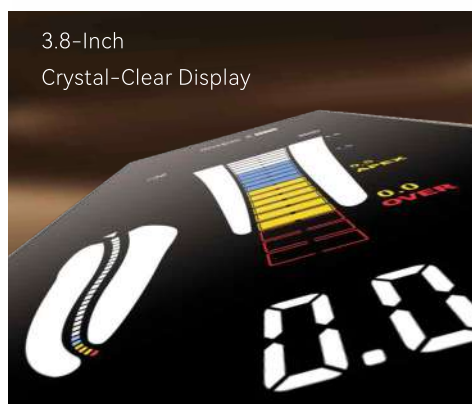
Apical stop set



Sleep mode



3.8-Inch
Crystal-Clear Display



2000 mAh Battery
7 Hours
of continuous
operation
3 Hours
quick charging time



MHN
Explorer Probe



III. Surgery

Surgic Star

The 3-in-1 Advanced Surgery Center

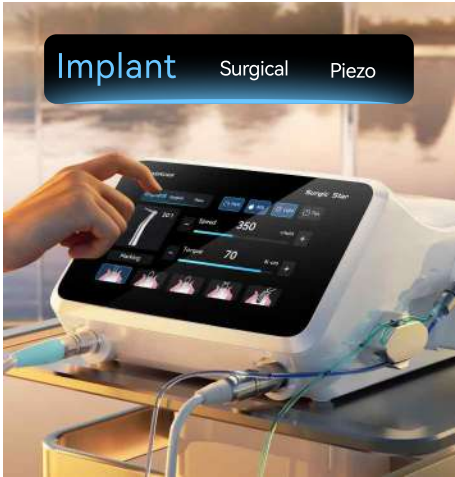
Implant Motor

Surgical Motor

Piezosurgery Unit

3in1

- Meeting the full range of needs in daily practice
- The one-touch program switching feature allows users to easily switch between three main functions with just one touch.
- Multifunctional compact device saves operational space
 - Dental Cart optional



1

IMPLANT

5 convenient preset programs

Marking

Pilot Drilling

Template Drilling

Implanting

Rinsing

Torque

35

N · cm

Up to 80 N · cm

120W

powerful brushless motor ensures effortless and smooth operation and enhances your surgical experience

Suitable for contra-angle with various speed ratios

16:1

20:1

27:1

2

SURGICAL

Precise and adjustable speed significantly reduced heat generation and enhanced stability for the most accurate cutting possible

Speed

110000

r/min

—

+

High-performance brushless motor with exceptional torque, minimal noise, extended lifespan, and negligible vibration

Suitable for handpieces with various speed ratios

1:1

1:3

1:4.2

1:5

3

PIEZO

Minimally invasive cutting actions effectively reduce surgical trauma, leading to improved post-operative recovery

Press the "Boost" button once to increase the current power by 25% instantly

25%

X-Star

Unlimited Curing Solution



Wavelength: 380 nm-515 nm
Light Intensity: 1000-3000 mW/cm²
Light Head: 360° rotatable metal light head
Power: 15 W
LED: 8 blue, violet and 4 white LED chips
Lens Diameter: 12 mm

Irradiation Area: 113 mm²
Handpiece Weight: 108 g
Handpiece Material: Aerospace-grade aluminum body
Battery Capacity: 2000 mAh*2
Charging Base: Wireless charging base with built-in light meter, LCD screen displays light intensity value
Battery Life: 10 seconds/cure, two batteries for a total of 1200 uses

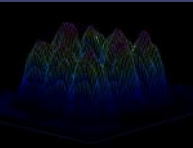
Φ12mm Lens Diameter

Provides a larger single exposure area, reducing the number of exposures needed and enhancing curing efficiency.

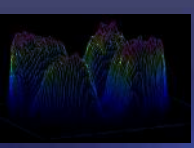
The head is smaller and thinner than the USA Brand, ideal for irradiation in various mouth positions.



X-Star



USA Brand



Equipped with Four Curing Lenses

Suitable for complex scenarios such as spot curing of porcelain veneers, deep cavity curing, and distal curing of posterior teeth



Less Heat for Gentle Care

Ensuring curing effectiveness while maintaining a lower temperature to protect the pulp and soft tissue

Less Heat Mode

In Less Heat, while ensuring the curing depth of ≥4mm in just 10 seconds, the temperature is significantly lower compared to the constant output (STD Heat). It has obvious advantages for vital pulp that requires low-temperature curing, or for scenarios like long-time curing and the occasions needing less heat generation from the irradiated area.

Durable Aerospace-Grade Aluminum Body

Built to last with enhanced impact and wear resistance

Equipped with Dual Batteries

- Dual replaceable batteries ensure long-lasting operation
- Battery can be charged wirelessly on the base



IV. Curing Light

U-Light

More Reliable Curing Light



Upgraded Focused Light Output

Unique Woodpecker technology of focused light output reduces 55.87% light angle, allowing for more concentrated energy and higher curing efficiency.



U-Light with USA brand



U-Light with USB brand



Light Intensity up to 3000 mW/cm²

3 Working Modes for Option



360° Rotatable Head

Full-Metal Body

Upgraded Push Button



2200 mAh Battery
Larger battery capacity for longer operating time



V. Laser

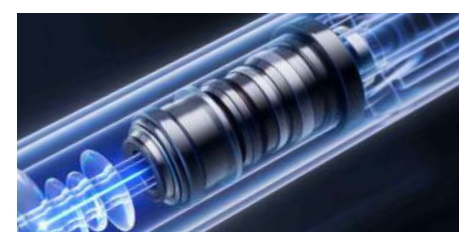
D-Laser Blue LX 16 Plus



Applicable in Various Dental Fields

Such as soft tissue surgery, periodontal treatment, endodontic therapy, peri-implantitis treatment, orthodontic biostimulation, desensitization, oral ulcer, temporomandibular disorder (TMD), teeth whitening, etc.

- Advanced optical coupling technology
- Enhanced transmission efficiency



- High-frequency pulse control
- Optimized cutting performance



- Smart control algorithm
- Precise & minimally invasive treatment



- Integrated cooling system
- Effective temperature control



New "MIX" Wavelength
Any two or three wavelengths can be combined for use
(Note: Available only in non-FDA regions.)

Harnessing the Strengths of Each Wavelength

