

PT-B

Five - in - One

Comfort Reigns Convenience Rules



- Air polishing
- Restoration preparation
- Periodontal treatment
- Endodontic treatment
- Implant maintenance

State-of-the-Art Perio Treatment Protocol

Air polishing

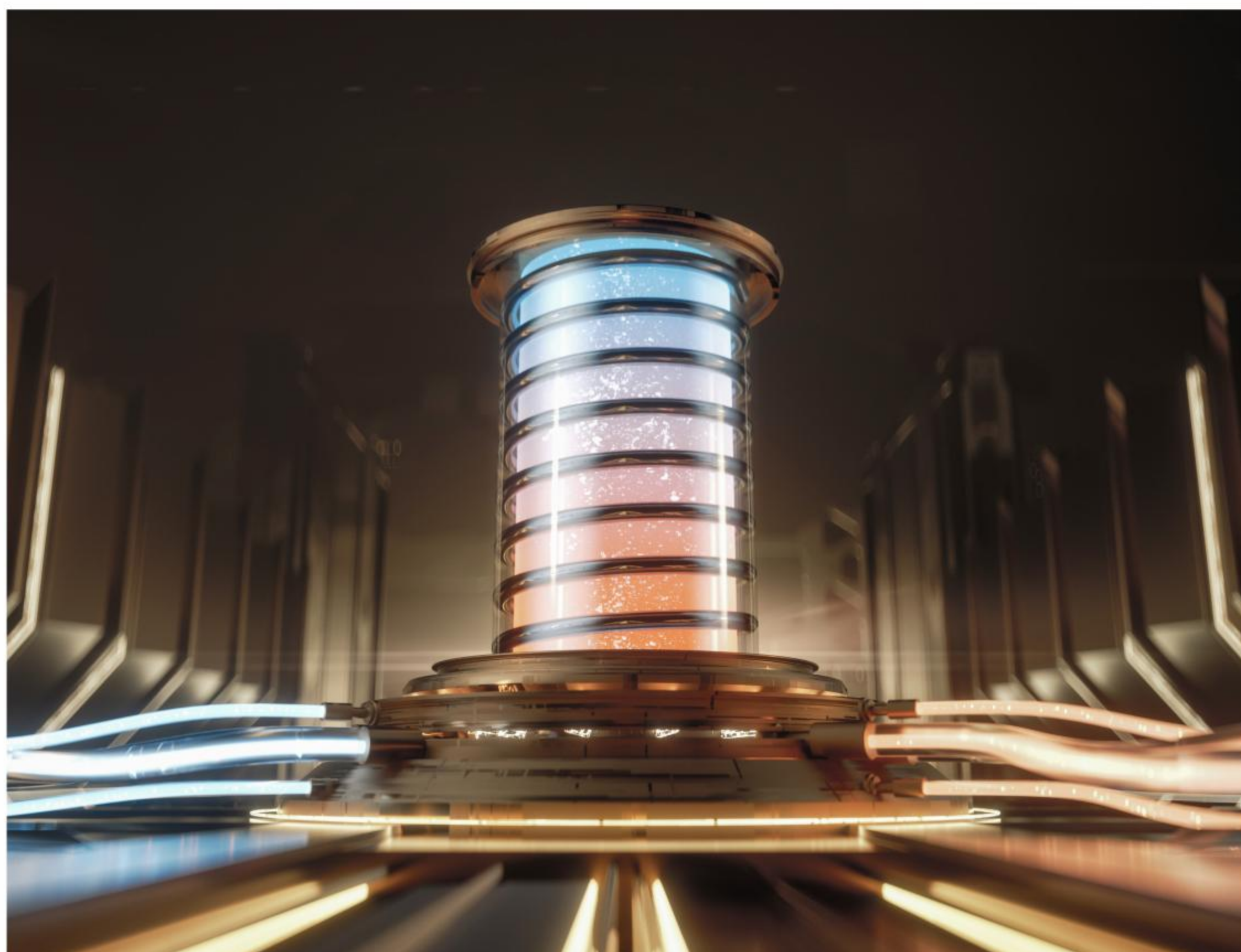
Realize both supra-and subgingival scaling
12 levels of water volume and power adjustment for precise treatment
4 temperature settings for added comfort

System setting

Central processing interface
Multiple mode selection
One-button switch

Ultrasonic scaling

Three modules: G P E
Four functions:
Periodontal treatment Endodontic treatment
Cavity preparation Implant maintenance
To offer an one-stop ultrasonic solution



Efficient temperature control for maximum comfort



Wireless foot pedal for easy control



Ultra HD screen for clear display



Automatic identification of scaling mode

Stunning temperature control system

300W high power
4 temperature settings:
25°C, 30°C, 35°C, 40°C
Realize high-efficiency automatic preheating, delivering a warm and comfortable treatment

最高可將水温加热至40°C

Multifunctional wireless foot pedal

Bluetooth 5.0 connection for super-fast response
Enable 72h continuous work when fully charged
Dual foot pedals for worry-free power supply
Versatile and convenient operation



Waterless

BOOST

Enhance



Cleaning



Standard

Dual water supply systems

- System 1: Water through the dental unit
- System 2: Two water bottles (600mL, 1400mL), can hold specific solutions such as chlorhexidine, hydrogen peroxide, sodium hypochlorite, etc.
- The clear scales on the bottle body for easy liquid medicine preparation

Automatic tubing cleaning

- Air polishing mode: 20S to remove the residual powder in the tubing to avoid blockage
- Ultrasonic scaling mode: 30S to flush away the residual liquid in the tubing to avoid corrosion
- Automatic cleaning after 5min of inactivity



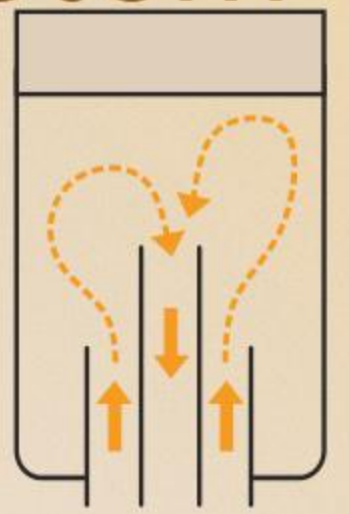
One-of-Kind Powder Tank

Innovative air intake / exhaust system

Industry-leading concentric air intake / exhaust system

Improve airflow consistency

More uniform power output



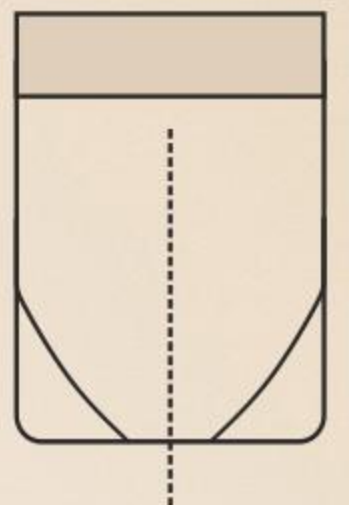
Funnel-shaped design

Centrosymmetric funnel-shaped structure

Aerodynamic simulation design

More stable power output

More efficient scaling



Fully-transparent body

Fine scales, double-sided notations

Transparent tank body allows real-time observation of powder flow and its remaining amount

Effortless installation

Plug-in powder tank, can be installed at any angle

360°rotatable for added convenience

Easier to add power



Advanced Handpiece Design

All-metal and light handpiece
Added durability and comfort

Outer: water

Provide protection and warm water
Flushing, gathering and adjusting

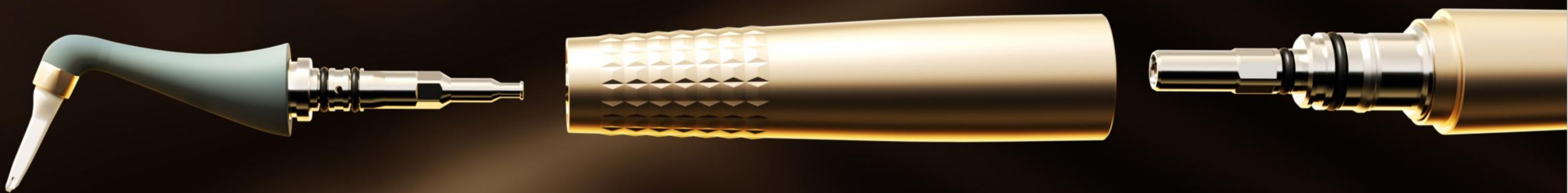
Outer: water

Provide protection and warm water
Flushing, gathering and adjusting

Inner: compressed air + powder

Remove pigments, plaque,
soft dirt and early calculus

Three-section detachable handpiece, easy for unclogging and cleaning



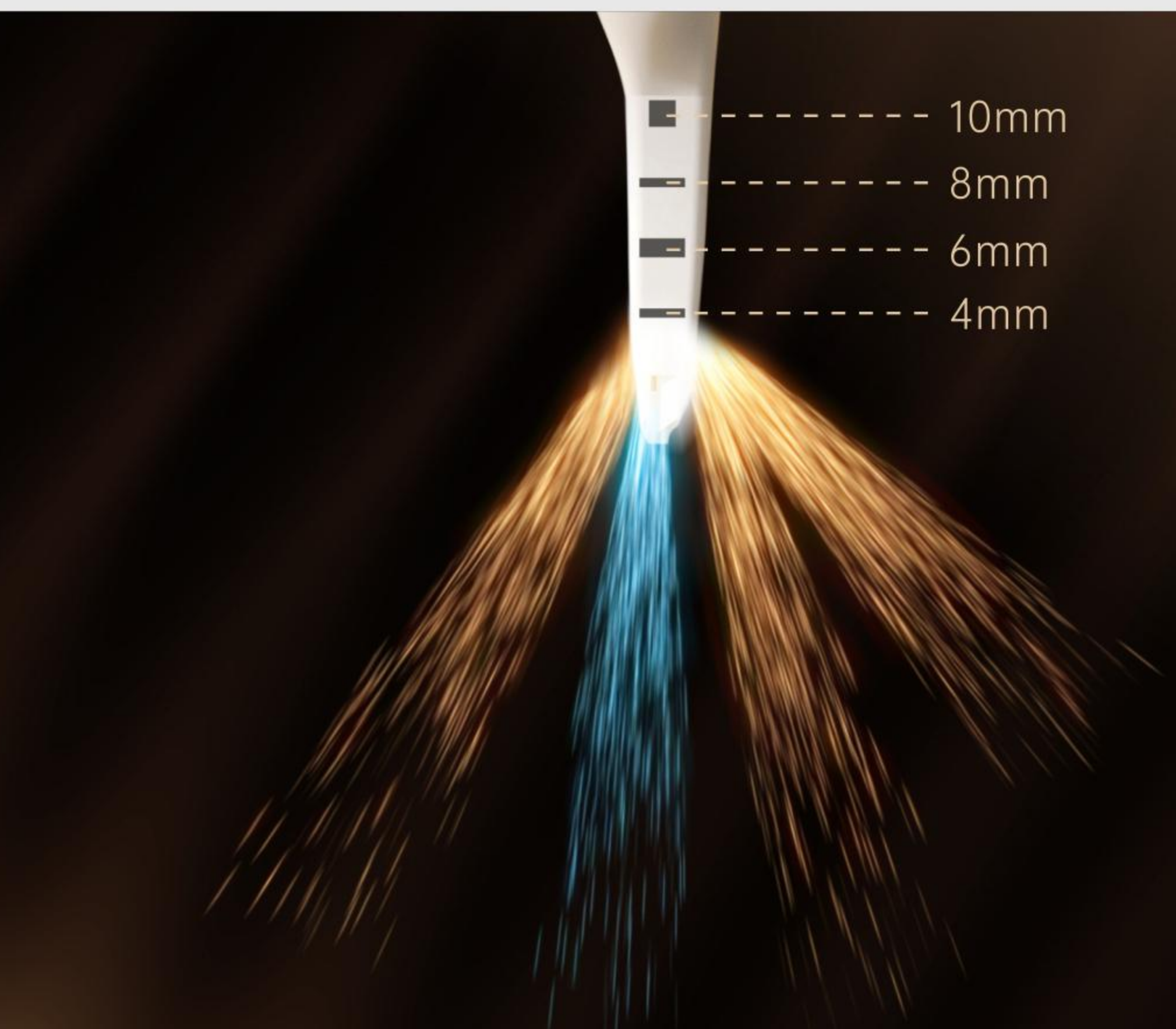
Supragingival handpiece

0.7mm small calibre nozzle, more concentrated air polishing, more efficient scaling

High concentricity of air-water path wraps powder with water, minimizing powder scattering

Fluid dynamics simulation design enables soft energy release

No damage to soft tissue, nor scratch the tooth surface



Subgingival handpiece

Exclusive nozzle allows three-hole powder output and one-hole water output

Ensure the proper mixing ratio of water, air and powder, achieving thorough biofilm removal

Made of polymer material, 360° rotatable and bendable, flexible to operate

Realize all-round cleaning of periodontal pockets

Comfortable Ultrasonic Treatment at Your Fingertips

Elliptical vibration trajectory

Adopt piezoelectric technology for elliptical motion
Disperse the impact force between the tip and the teeth to achieve comfortable scaling

Real-time frequency tracking

Dynamic vibration frequency monitoring and automatic adjustment based on tip characteristics ensure the tip performs optimally

Titanium alloy tip

Less hard than enamel, more elastic and comfortable
Titanium alloy hardness: HRC30
Enamel hardness: HRC37-43
Stainless steel hardness: HRC50

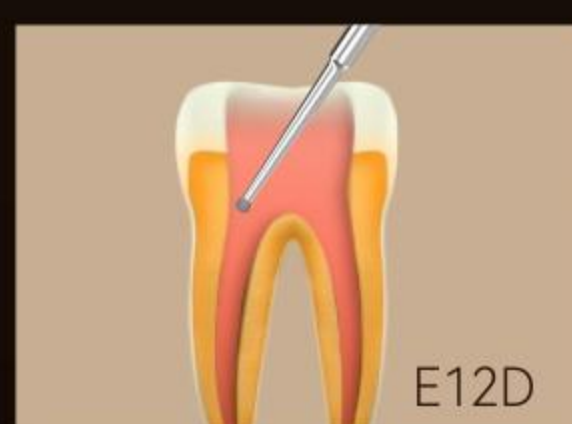


One-Stop Ultrasonic Endo



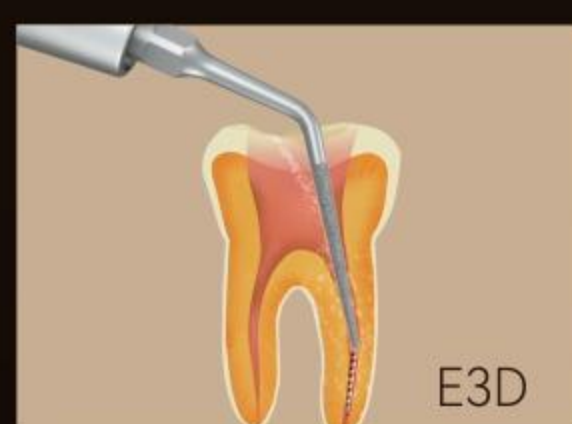
G8

With its high-efficiency ultrasonic conductivity and special design, this tip can effectively remove difficult-to-remove restorations using ultrasonic technique.



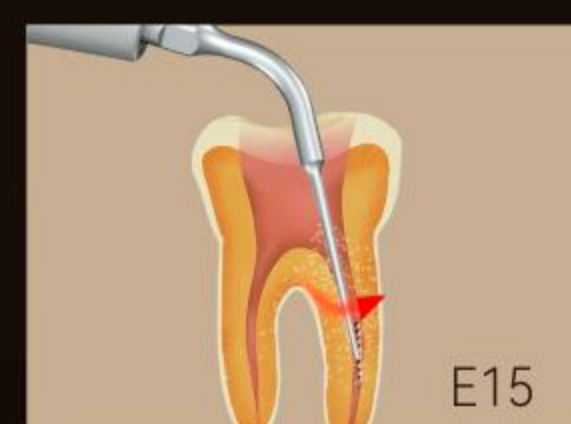
E12D

Diamond-coated ball tip for removing foreign objects from the pulp chamber, which is safe, precise and efficient to locate calcified root canal orifice.



E3D

For removal of calcified debris, bad fillings and suspensions in the pulp chamber. Can also enlarge the canal wall where a broken file is located for easy retrieval.



E15

For removal of post, broken file, filling debris, etc. in the upper 1/3 of the canal.



E7

Extremely fine and flexible tip with good ultrasonic conductivity, used to remove foreign objects from the upper 1/3 of the canal (bendable).



E6

Extremely fine and flexible tip with good ultrasonic conductivity, used to remove foreign objects from the apical 1/3 of the canal (bendable).



Dental Scaler and Air Polisher

SciVision



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