



PT-E

Dental Scaler and Air Polisher



Introducing the Future of Dental Care

POWER MEETS COMFORT

Dual Heating System

- Deliver warm water for both ultrasonic and airstream functions
- Four adjustable temperature settings:
Ultrasonic scaling temperature:
24°C, 28°C, 32°C, 36°C
Air polishing temperature: 25°C, 30°C, 35°C, 40°C
- 350W heating power: 16.67% higher than before, enjoying faster heating

- Lightweight and anti-slip design for easy grip, improving stability and comfort during use.



Titanium Alloy Handpiece

- Crafted with high-strength titanium alloy, offering superior biocompatibility, greater corrosion resistance, and enhanced wear resistance.

	Strength	Hardness
Titanium alloy	1050MPa	320Hv
Aluminum alloy	250MPa	110Hv



Upgraded Airstream Handpiece with LED

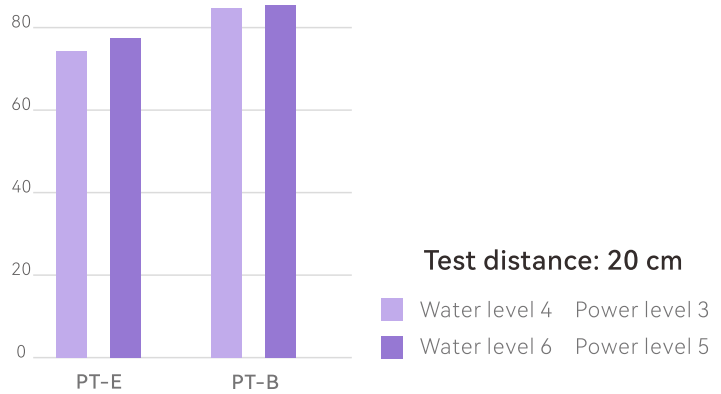
- Inbuilt LED light improves visibility and enhances operational precision for better treatment outcomes.



New Airstream Nozzle Design

- Low-noise airstream: 75.8dB in commonly used settings, 9dB quieter for a calmer experience

(dB)



Less impact (g):

28.7%

Lower water and air impact at the same efficiency, ensuring greater patient comfort

Power level 6 **6.68g** PT-E

Power level 6 **9.37g** PT-B

PT-E Nozzle VS PT-B Nozzle



VERSATILITY MEETS PRECISION

Illuminated Powder Container

- LED-lit powder container makes it easier to differentiate between powders, streamlining clinical operations:
- White light: sodium bicarbonate powder
- Green light: erythritol/glycine powder



Mobile Dental Cart

- Neatly stores external tubing and cables for a clutter-free workspace, making your device readily accessible.



Parameters

Output main vibration offset of tip (maximum): 90 μ m; deviation: \pm 50%
Output vibrating frequency of tip: 30 \pm 5kHz
Output semi-offset force: 10N; deviation: \pm 50%
Output power of tip: 3W ~ 20W

Six Ultrasonic Modes

G Mode



Ultra scaling

For rapid and efficient removal of large calculus, reducing procedure time



Soft scaling

For gentle removal of stains and soft deposits, minimizing patient discomfort

P Mode



Perio

For effective biofilm removal, protecting soft tissue and minimizing trauma



Implant maintenance

Six adjustable levels for precise and safe implant surface cleaning

E Mode



Endo

Precise ultrasonic power optimizes root canal preparation and enhances treatment success



Irrigation

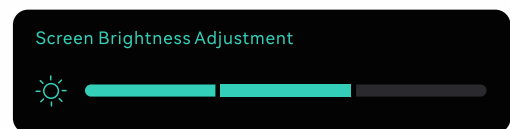
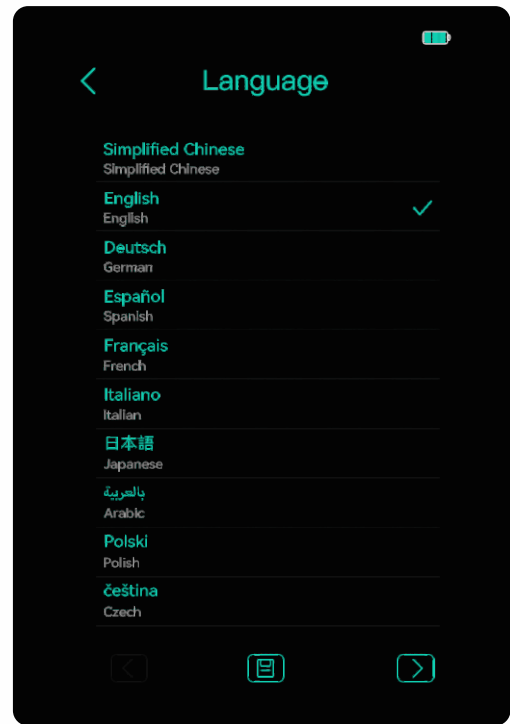
Six safety levels ensure effective debris removal while protecting dentin



EFFICIENCY MEETS CONVENIENCE

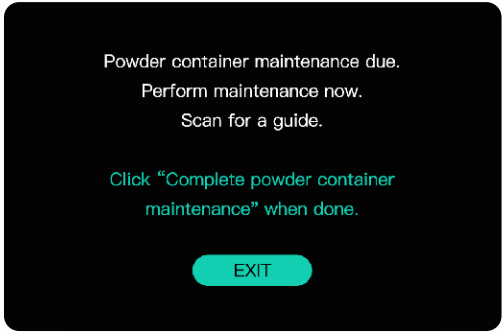
Adaptive Intelligent Interface

- The interface supports up to 15 languages and features 3 adjustable screen brightness levels, making it adaptable to various clinical environments.



Smart Maintenance Reminder

- Monitors usage and alerts you for airstream cord or powder container maintenance, ensuring optimal performance for seamless workflows







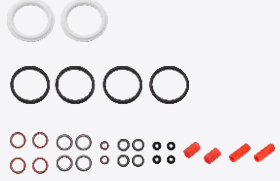


One-Touch Dual-Waterway Cleaning

- One-touch auto cleaning for both ultrasonic and airstream waterways
- Two cleaning durations optional: 120s, 20s
- Saves time and ensures the device is ready for the next procedure



Accessories

 <p>Periodontal treatment handpiece 31.08.01.009</p>	 <p>Airstreaming supragingival handpiece 31.16.20.086-002</p>	 <p>Airstreaming subgingival handpiece 31.16.20.087</p>	 <p>Wireless multi-function foot pedal 31.16.06.153</p>
 <p>Illuminated powder container (Sodium bicarbonate) 31.16.06.216-008</p>	 <p>Illuminated powder container (Erythritol/Glycine) 31.16.06.219-008</p>	 <p>O-ring kit 31.16.06.241</p>	





BULID YOUR IMAGINATION



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