

RF-Q4-PTX-P004-1.0 Edition

We reserve the right to design and modify our products without prior notice

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Official website



CE ISO NMPA

Dental Scaler

PT X



PURSUIING USABILITY





ULTRASONIC THERAPY

Ultrasonic Therapy

Three Core Modules (G, P, E) Covering Multiple Functions: Supragingival Scaling, Periodontal Therapy, Root Canal Shaping, Root Canal Irrigation, Cavity Preparation, Broken Instrument Retrieval, Implant Maintenance, etc.

Real Time Frequency Monitor.

Dynamic frequency feedback and automatic calibration based on the tip's characteristics and the hardness of the contact material ensure optimal tip performance.

Equipped with titanium scaling tips that are softer than stainless steel, ensuring gentle, pain-free, and comfortable treatment.



AIR POLISHING

Air Polishing

2-section Anti-Clogging Polishing Handpiece;
No Intermediate Section, No Powder Accumulation with
Anti Backflow Tech and Double Security: Air Filter Equipped

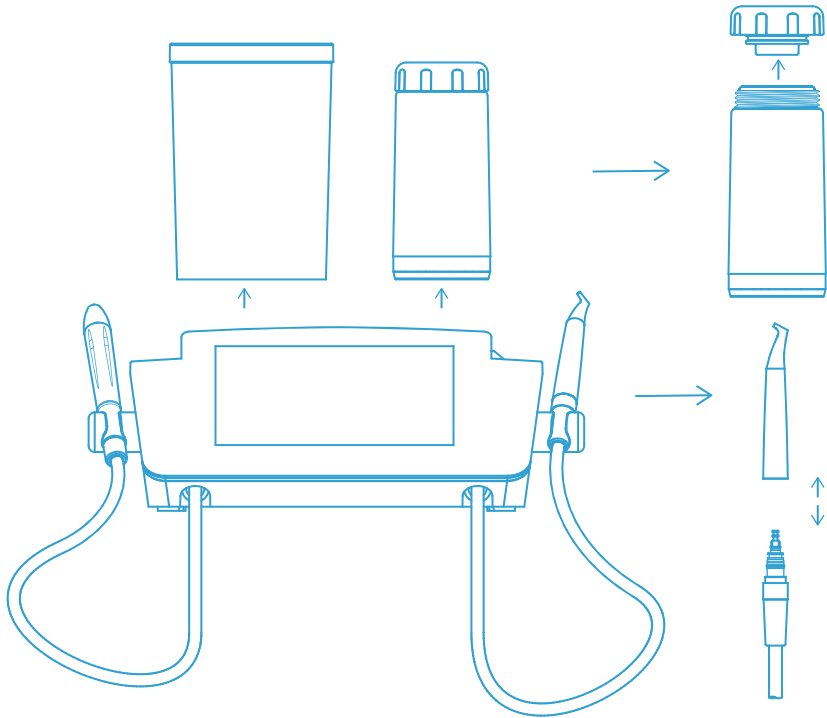
Spraying prophylaxis powder with compressed air and water.
Higher efficiency of cleaning plaque, biofilms and stains.

Constant availability



Independent unit & chambers

The PT X features a modular design where all powder-conducting components – including the powder chamber, hoses and handpieces – are fully detachable from the main unit. In the rare case of a powder clog, these parts can be easily removed manually. This eliminates the need to disassemble the entire device or send it back to the supplier/manufacturer for repairs or part replacements, ensuring your clinical operations remain uninterrupted and revenue-generating at all times.

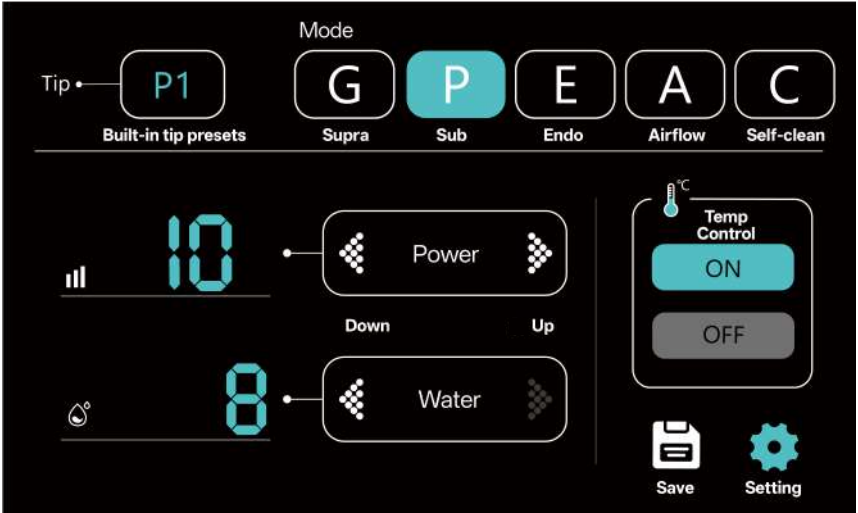


The main unit's interior features a design based on a smart concept: having air and water circuits only.



7-inch Smart-display screen

Three Core Modules (G, P, E) Covering Multiple Functions: Supragingival Scaling, Periodontal Therapy, Root Canal Shaping, Root Canal Irrigation, Cavity Preparation, Broken Instrument Retrieval, Implant Maintenance, etc.



Innovative Independent R&D, Funnel-Shaped Powder Tank

Plug-in Powder Tank, Ready-to-Use & Easy Powder Refill.
Symmetrical 3D Funnel Design for Uniform Flow & Stable Powder Output.
Transparent Chamber – Monitor Powder Level & Flow Anytime.



800ml Self-supply Water Bottle

800ml High-Capacity Bottle — Clear graduations for precise measurement.
Compatible with medical fluids and warm water for instant use.



Constant availability



Wireless Foot Pedal

Wireless Multi-Function Foot Pedal –Comprehensive Mode Selection.

- Bluetooth Connection
- Low Power Consumption, Long Durability
- Convenient and quick-response



Water Stop

BOOST

Power Boost



Water Increase



Bluetooth 5.0



Dental Cart DC-1

- Adjustable shelves, Flexibility Meets Function
- Wiring storage, Provides a neater solution
- Compact design, Takes up minimal space
- Applicable to different Refine's units

Extra air filter

Ensure a dry air supply , Smoother operation

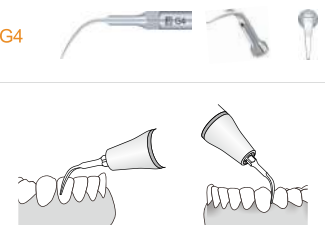


* Extra air filter

Applied Areas

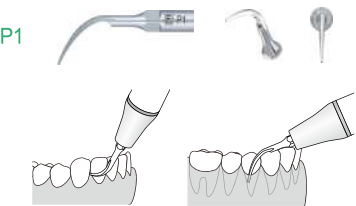
Supragingival Scaling

G4

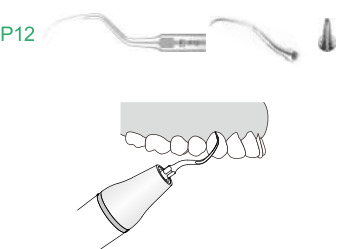


Subgingival Scaling

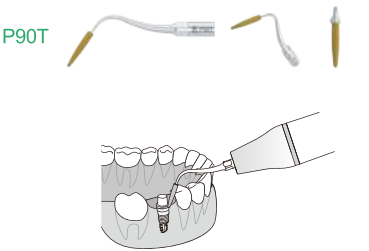
P1



P12

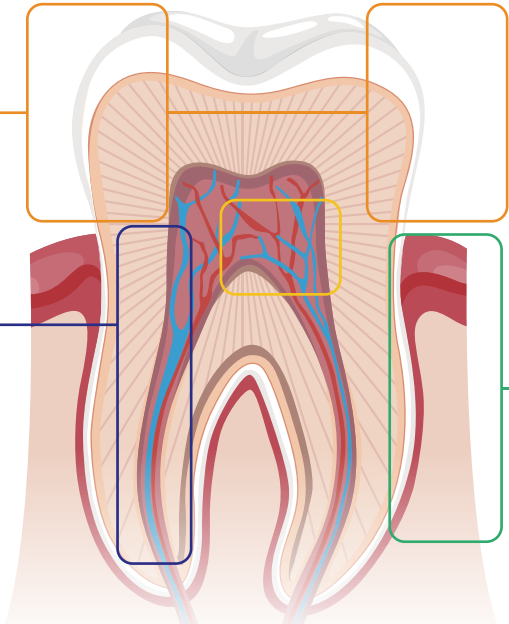
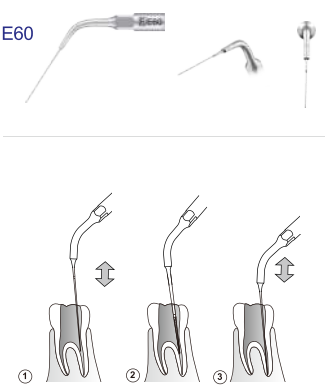


P90T



Endo Treatment

E60



DENTAL PROPHYLAXIS POWDERS



Powders Specification

			
	PT-X1	PT-X3	PT-X6
Particle Size	65µm	65µm	25µm
Flavor Composition	sodium bicarbonate sodium carbonate silicon dioxide	glycine silicon dioxide	glycine silicon dioxide
Packing Specifications	300g	200g	120g
pH	-8.1	-6	-6
Implant	✗	✗	✓
Orthodontics Brackets and appliances	✗	✗	✓
Restorations	Hybrid Composite	✗	✓
	Glass Ionomer	✓	✓
Soft tissues	Gingiva	✗	✓
	Tongue and palate	✗	✓
Teeth	Stains and early calculus	✓	✓
	Enamel	✓	✓
	Enamel white spots	✗	✓
	Pits and fissures	✗	✗
	Dentine	✗	✓

Techniques of Use



Tip 1: Angulation

- Do not point straight down — it spread aerosols
- Keep the nozzle at a 15-80°angle, This improves cleaning and reduces spread.

Tip 2: Distance

- Stay 2-5mm maximum from teeth
- Closer (2mm) for tough stains
- Too far = poor cleaning + powder spreads everywhere.

Tip3: Movement

- Use small and steady semi-circles
- Do not keep nozzle still — always move gently

The main unit's interior features a design based on a smart concept: having air and water circuits only.

Model	Picture	Order Code
Dental Cart		15.05.03.005
Ultrasonic Scaler Handpiece HY-2L 51g,size:105mm×18.9mm		51.03.094
Supragingival Air Polishing Handpiece XP-1 43.7g,size:101.5mm×16mm		51.03.031
Subgingival Air Polishing Handpiece XP-2 44.1g,size:102.2mm×16mm		51.03.034
Powder Tank Supragingival White		51.10.013
Powder Tank Subgingival White		51.10.014
Plastic Nozzle 5 pcs/blister, for Subgingival		51.10.031
Water Bottle PTX 800ml		51.10.006
Braided tube		51.10.008
Air pipe		13.03.06.003
Male Quick Connector		11.07.01.043
Female Quick Connector		11.07.01.042
Short Cleaning Needle		51.11.022
Long Cleaning Needle		51.11.021

Model	Picture	Order Code
Triplet		31.54.01.006
Sterilization Box (Air Polishing)		51.02.520
Sterilization Box (Scaling)		51.02.521
Accessories package (PTX sealing ring, handpiece LED lamp)		51.10.021
Footswitch Cord		12.08.03.032
Multifunction Footswitch		51.10.051
Filter Wrench		31.12.01.008
Endo Wrench TW-E		31.12.01.005
Fuse (T1.6AL 250V)		12.04.05.002
Torque Wrench TW-5L		31.12.01.004
PT-X1 65µm,300g (Made by Sodium bicarbonate) for Supragingival		51.20.013
PT-X3 65µm,200g(Made by Glycine) for Supragingival		51.20.015
PT-X6 25µm,120g (Made by glycine) for Supragingival and Subgingival		51.20.017