



# DD -80

Ultrasonic Scaler  
Ultrasonic Periodontal Therapy System



# More comfortable periodontal treatment

## Heating system

Upgraded water path heating system, built-in water heater, automatic preheating. Warm water make patients comfortable.

## One click to clean

Sandblasting air path cleaning and scaling water path cleaning, one click to activate. Efficiently clear the residual powder or liquid, avoid clogging and corrosion.

## 7-inch Large Touch Screen

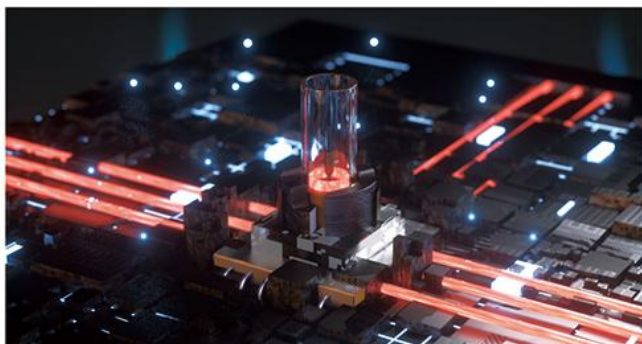
Upgraded large touch screen, more intuitive, easier to operate.

## Voice broadcasting system

Add voice broadcast function, more intelligent.



Heating system, more comfortable



Large Touch Screen





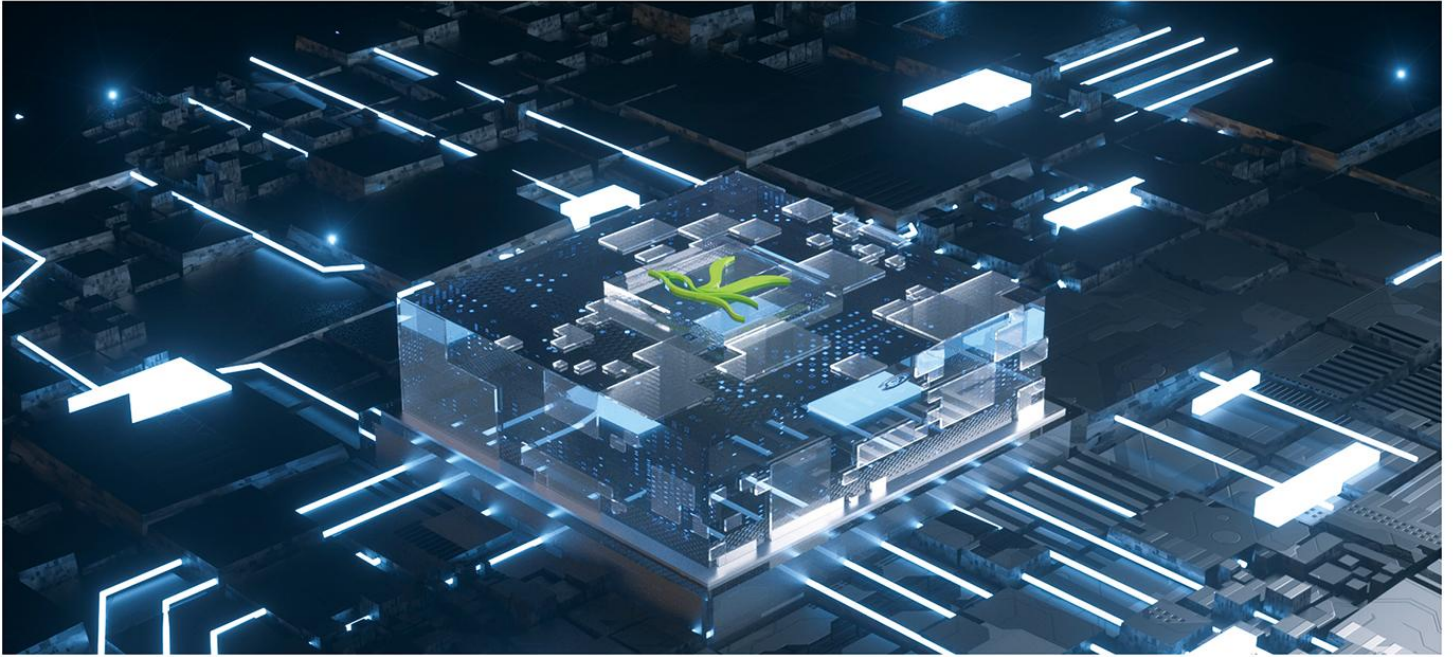
One click to clean



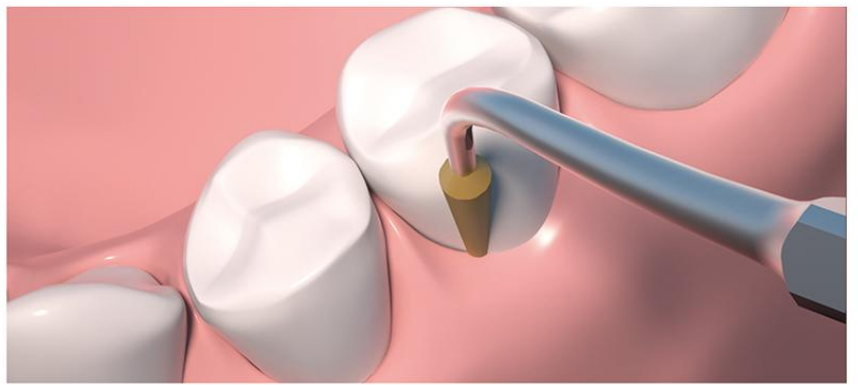
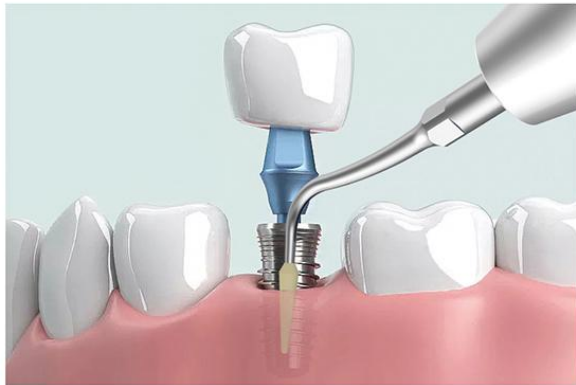
Voice broadcasting system



# Intelligent Multi-Core Chips

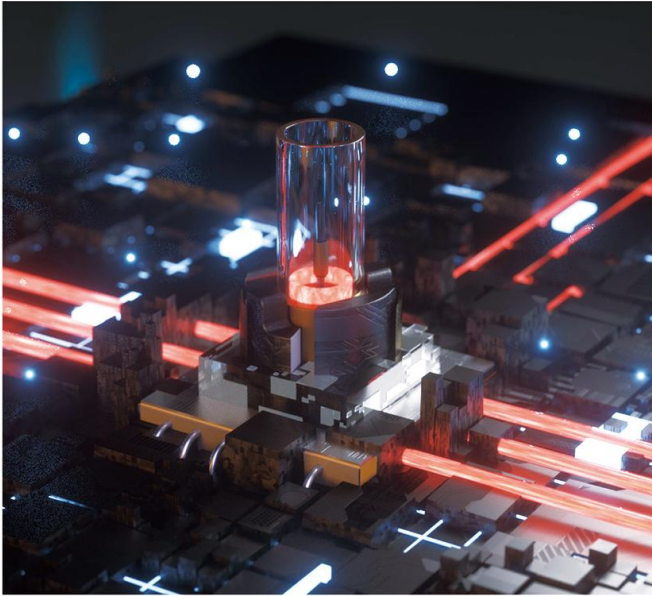


Built-in 32-bit ARM core processor, quick response, accurate feedback and intelligent adjustment of scaling power, automatic memory of latest setting.



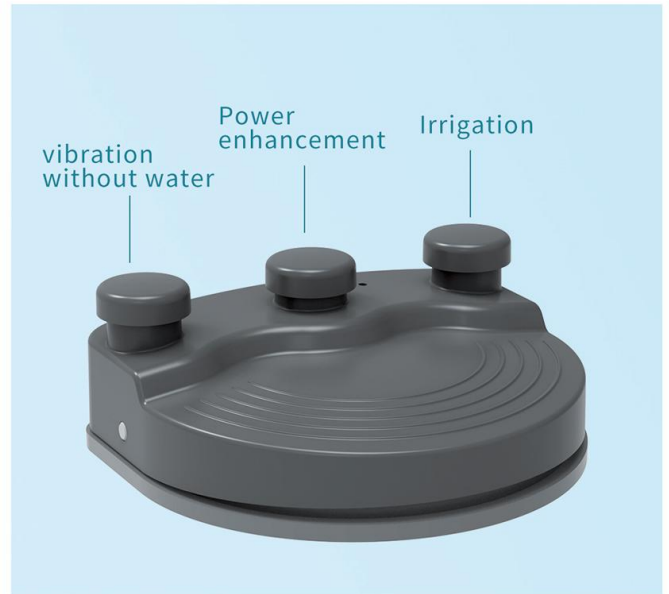
## Implant maintenance

It can effectively prevent and treat peri-implantitis, and protect the implant from damage



## Heating system, more comfortable

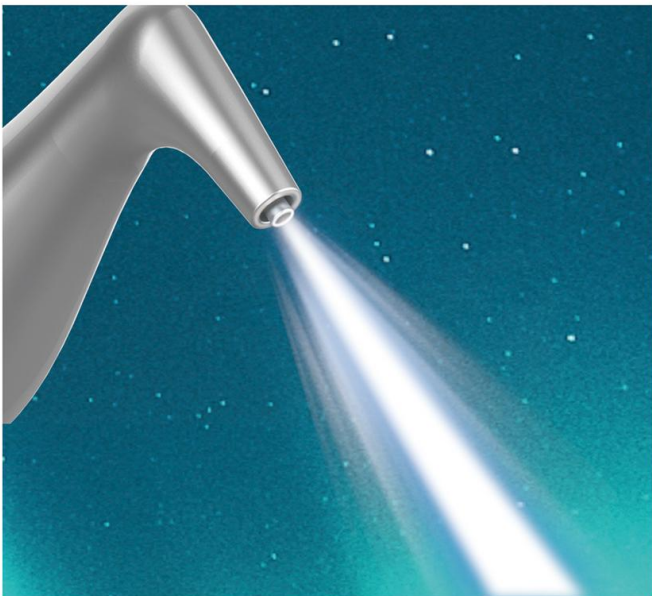
Built-in water heater, automatic preheating.



## Multifunctional wireless foot pedal

Wireless control, infinite possibilities, unconstrained

# Effective dental plaque control

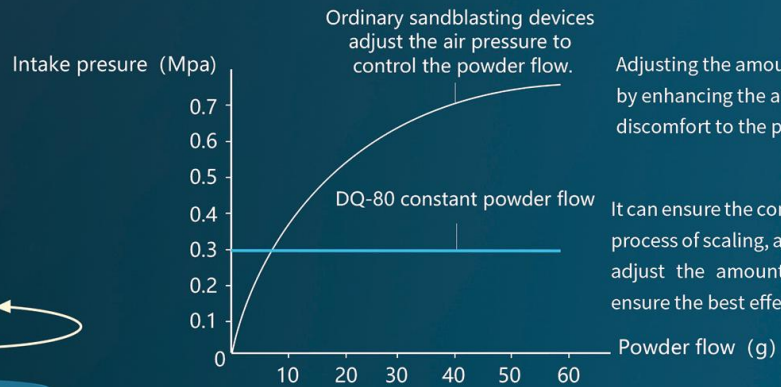


## Supragingival Air-Polishing Handpiece

0.7mm aperture air-polishing nozzle is made of steel (imported from Germany). Reliable and durable, air polishing is more concentrated, more efficient, more comfortable.

# Regulate the powder flow under constant pressure

In the case of fixed pressure value, the doctor can scientifically adjust the output of prophy powder as needed, so as to achieve comfortable and efficient scaling.



# Comfortable ultrasonic scaling

The elliptical vibration track can realize the operation of  $0^\circ$  angle between the scaler tip and the tooth surface, which has the polishing effect.

It can effectively reduce the collision between the working tip and the teeth, achieve comfortable tooth cleaning.



# Titanium Alloy Scaler Tips

Some scaler tips are made of titanium alloy material, which have lower hardness than enamel, no damage to the teeth surface, more comfortable.



# Air polishing good partner



Supragingival Sodium Bicarbonate  
 Supargingival Glycine  
 Sub + Supragingival Glycine

## SPECIFICATION :

DQ-80 Ultrasonic Scaler

Input Voltage: 230 V~ or 120V~, 50/60 Hz 0.5A

Main unit output: 25V~, 50Hz 2.8A

Input Power: 100VA

Tip amplitude: Minimum:1 μm, deviation-50%.

Maximum:100 μm, deviation+50%

Output half-excursion force: Minimum:0.1 N, deviation-50%.

Maximum:5 N, deviation+50%

Tip vibrating frequency: 30 kHz± 5 KHz

Tip output power: 3 W~20 W

Air inlet pressure: 5 bar~6 bar (0.5 MPa~0.6 MPa)

Water temperature: 0°C~45°C

Main unit size: 310mm×370mm×200mm

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Item	Qty.	Mark
Main Unit	1	DQ-80
Power Adaptor	1	
Wireless Foot Switch	1	
Wired Foot Switch	1	
AH-1 Sandblasting Handpiece	2	
AH-2 Sandblasting Handpiece	1	
Subgingival Sandblasting Nozzle	40	
PH-2 Handpiece	2	
Water Tank	1	0.5
Needle	1	
Needle	1	
Waterproof Sticker	1	
Disinfection Box	2	
Sand Tank Components	2	
Self-locking Quick Connector	1	
Endo Wrench	1	
Wrench	2	0.5m
PU Pipe 4*6	2	2.5m
Braided Hose	1	
Self-locking Quick Female Joint	2	
Self-locking Quick Male Joint	1	
T type Quick Connector	2	PEG8-6
Fuse	1	
O Ring	10	11.1x1.8
	5	5x1
	2	50x3
	6	8x1.5
	6	6.5x1.5
	6	11x1.5
	8	
Tips	20	P11x2 P12x2 P12Lx2 P12Rx2 P16x2 G1x1 G5x1 P1x1 IM1x1 E1x1
Instruction Manual	1	
QC Certificate	1	
Tips Instruction Manual	1	
Scaler Tips abrasion Contrast Card	1	
The Specification of O Ring	1	
Sand Dredging Components	1	
Endo Files	6	25#



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