

**Model: FUS-10 Vet**  
**ULTRASONIC SCALER**

**Intelligent power output, experience comfortable scaling.**

Internal liquid routing made of anti-bacterial materials, clinical use of liquids, such as hydrogen peroxide, chlorhexidine, sodium hypochlorite, all these let periodontal treatment, root canal washing effect improved greatly. Detachable handpies, clear vision, with new packaging technology, feel more comfortable. Automatic negative feedback, constant power output, scaling softer.



**Shenzhen Falcon and Furix Liffesciences Co. LTD**  
**Furix Trade Venture Limited (HK)**

For more information or to request a demo, please contact our sales team  
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# Ultrasonic Scaler Specification

Item	Specification
Working conditions	Temperature:5°C~40°C
Relative humidity	80%
Atmospheric pressure	75KPa~106KPa
Power supply	For AC adapter:100~240Vac,50~60Hz,1.2A Max
Output	30Vdc,1.3A
For main unit	30Vdc,1.3A
Wireless control foot pedal battery	1.5VX2
Receiving sensitivity	-114dB
Primary vibration excursion of the tip	Minimum,1 um,Deviation-50% Maximum,100um,Deviation+50%
Fuse	125V 1.5A
Vibration frequency of the tip	25~31KHz
Input power	30VA~48VA
Ultrasonic output power	3W~20W
Output half-excursion	Minimum,0.1N,Deviation-50% Maximum,2N,Deviation+50%
Water pressure	0.1bar~5bar(0.01MPa~0.5MPa)

Item	Specification
Operating mode	Continuous operation
Type of protection against electric shock	Class II equipment
Atmospheric pressure	75KPa~106KPa
Degree of protection against electric shock	Type BF applied part
Weight of adapter	0.25kg
Weight of main unit	0.75kg
Protection degree against water (used on the wireless control foot pedal)	IPX6
Degree of protection against harmful ingress of water	Ordinary equipment(IPX4)
Safety degree of the application in the presence of a Flammable Anaesthetic Mixture with air or with Oxygen or Nitrous Oxide	Equipment not suitable for being used in the presence of a flammable anaesthetic mixture with air or with oxygen or nitrous oxide
Size	230mmx 155mm x 56mm
Period of use	10 years

## Advanced Ultrasonic Dental Scaler with LED Handpiece and Intelligent Features

This state-of-the-art ultrasonic dental scaler is equipped with a computer microprocessing chip, enabling precise and intelligent control over the power output for a gentler, more comfortable tooth cleaning experience. Ideal for root canal preparation, it effectively removes the smear layer from the root canal surface, exposing dentin tubules to reduce post-treatment infection risks.

- Computer Microprocessing Technology:** Advanced chip control optimizes scaler performance, enhancing comfort during procedures.
- Root Canal Cleansing Capability:** Ensures thorough cleaning by opening dentin tubules, reducing the risk of infection after root canal treatments..
- Automatic Water Supply System:** Eliminates the need for external water setups. Built with high-quality Japanese imported pumps for durability and consistent performance.
- LED Detachable Handpiece:** Incorporates upgraded piezoelectric technology and LED illumination for a clearer view of the treatment area. The handpiece is detachable and autoclave-safe, promoting high standards of hygiene and preventing cross-contamination.



Power Control and Connectivity Hub



Effortless Power and Function Contro

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Dental cleansing



Periodontal



therapy  
LED Handpiece



Root canal washing  
Automatic water supply

## Scenarios

1

### Computer Microprocessing Chip

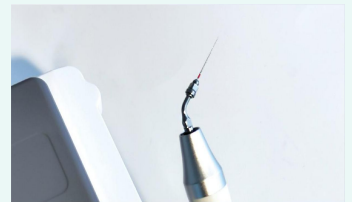
The instrument has built-in computer micro-processing chip, which can intelligently control the power of scaler and make tooth cleaning more comfortable.



2

### Root canal cleansing

For root canal preparation, the smear layer of root canal surface stroke exposes dentin tubules and reduces the risk of infection after root canal therapy.



3

### Automatic Water Supply System

No complex external water steps, imported pumps from Japan, durable, quality assurance. LED Detachable Handpiece



4

### LED Detachable Handpiece

upgraded piezoelectric technology, LED detachable ultrasonic hand-piece, showing clear vision for you, autoclave available, avoid cross infection



## Model: F08A/F08AL ULTRASONIC SCALER

Detachable Handpiece, high temperature and high pressure disinfection  
Constant power output, scaling more comfortable and gentle.

Tip vibration frequency: 28kHz + 3kHz

Input power: 40VA + 60VA

Ultrasonic output power: 3W~ 20W

Water pressure: 0.1bar~ 5bar (0.01MPa ~ 0.5Mpa)



G1x2



G2



G4



P1



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