

VRN[®] Dental Ultrasonic Scaler VRN-A8, With LED
Detachable Handpiece, Wireless Control, Auto-
water Supply Bottle, Scaling, Perio, Endo Irrigation





Low-configuration Type (No external access to water)

1. Operating mode: G, P, E
2. LED handpiece: Yes
3. Water type: Bottle
4. Function switch button: "V", used to switch between normal scaling and irrigation
5. Wireless foot control: Yes
6. Cable used to connected the main unit: Non-detachable
7. Operating tips: G1, G2, G4, P1, E1



Standard-configuration Type

1. Operating mode: G, P, E
2. LED handpiece: Yes
3. Water type: Bottle / External access to water
4. Function switch button: "Water", used to switch water sources
5. Wireless foot control: Yes
6. Cable used to connected the main unit: Detachable
7. Operating tips: G1, G2, G4, P1, E1

Technical Specification:

Automatic Frequency Tracking; Patented Liquid Pumps, Digital Controlled.

Function: Scaling, Perio, Endo

1. 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: 1.5V X2

2. Receiving sensitivity: -114dB

3. Primary vibration excursion of the tip:

(a) Minimum, 1 μ m, Deviation -50%

(b) Maximum, 100 μ m, Deviation +50%

4. Output half-excursion:

(a) Minimum, 0.1N, Deviation -50%

(b) Maximum, 2N, Deviation +50%

5. Vibration frequency of the tip: 25-31KHz

6. Input power: 30VA- 48VA

7. Ultrasonic output power: 3W-20W

8. Fuse: 125V 1.5A

9. Water pressure: 0.1MPa-0.05MPa

10. Weight of main unit: 0.75kg

11. Size: 230mm x 155mm x 56mm

12. Working conditions: Temperature 5 $^{\circ}$ C-40 $^{\circ}$ C Relative humidity $\leq$ 80% Atmospheric pressure 75KPa-106KPa.



