






The graphic features the letters "VRN" in a large, bold, green, sans-serif font. A green outline of a pen or marker is positioned diagonally across the letter "V". A long, thin, green line extends from the bottom of the pen, looping around the "V" and underlining the "VRN" text. Below the "VRN" text, the words "Product Collection" are written in a smaller, grey, sans-serif font.

# VRN

Product Collection



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## ENTERPRISE PROFILE

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### ENTERPRISE BRIEF INTRODUCTION

Guilin Veiron Medical Technology Co., Ltd. (also known as 'VRN dental', 'VRN medical') is located in the information industrial park, national high-tech zone. It is a leading manufacturer of dental equipment in China. With 31 years of experience in manufacturing high-end medical equipment, VRN has been relying on strong engineering strength since its involvement in the field of dental equipment manufacturing. Exquisite manufacturing process, always committed to providing dentists with superior performance and better quality treatment equipment.

The company has a first-class technical R&D team in the industry, including overseas students and technical backbones who have worked in the R&D department of Fortune 500 companies for many years. The company has modern production and office space, and implements "6S" management. It uses internal management tools such as OA and ERP for internal control. The company's production and inspection equipment are perfect, ensuring that the quality of products from the feed to the finished product is effectively controlled.

The company has a complete quality management system and passed the most authoritative German TÜV SUD audit in the medical device industry, and obtained ISO 13485: 2003/AC: 2007 and CE 0123 certificates. The company's ultrasonic scaler, light curing, dental mobile phone and other products are well-known to the industry users for their first-class performance and excellent quality. They are sold to all provinces and municipalities across the country and exported to more than 80 countries and regions abroad. Widely recognized by customers.



## EQ-600 IMAGE PLATE SCANNER

Professional intraoral imaging equipment

New Arrival



# VRN-Q6 2.0

## ULTRASONIC PERIODONTAL THERAPY SYSTEM

Ultrasonic Scaler + Air Polisher 2 in 1



A new trend in periodontal treatment - Dental Plaque Control  
Polishing & Scaling

Safe, Comfortable, Multifunctional

6 functions in 1

- Supragingival polishing
- Subgingival polishing
- Supragingival scaling
- Subgingival treatment
- Endo treatment
- Implant maintenance



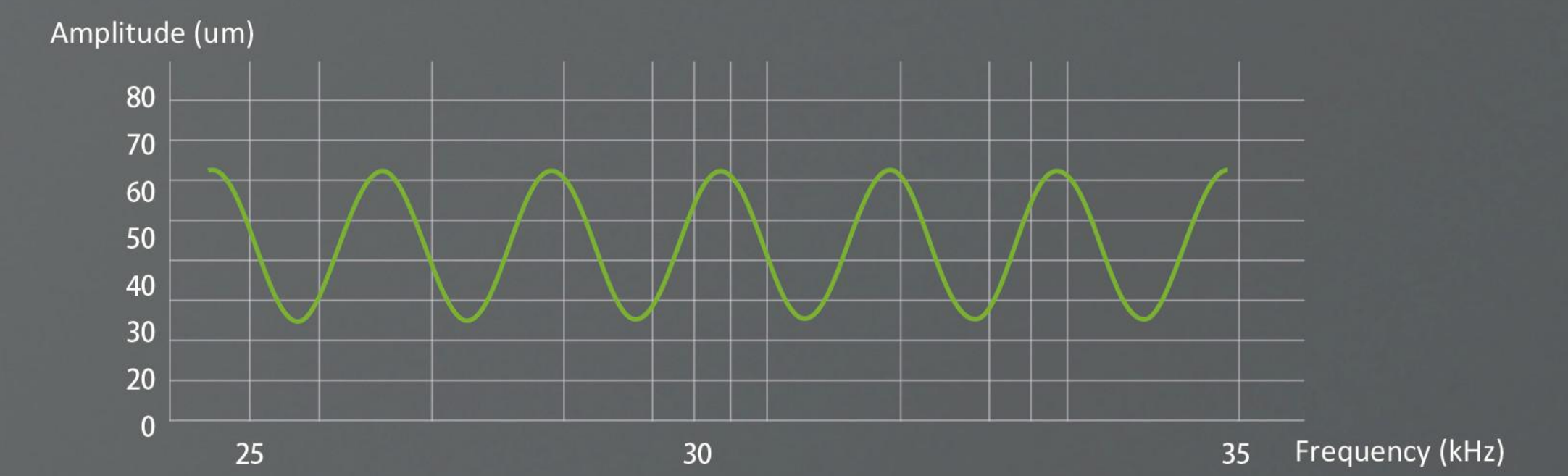
# VRN-Q5

Ultrasonic Periodontal Treatment Device



## SINE WAVE DRIVE · BREAK THROUGH THE TRADITION

Avoid the instantaneous impact caused by the traditional square wave drive, makes the vibration gentle and regular. Efficient treatment can also makes patients feel comfortable.





## DA-20 Ultrasonic Scaler

Intelligent power output, experience comfortable scaling.

New Arrival



## DA-10 Ultrasonic Scaler

Intelligent power output, experience comfortable scaling.

New Arrival



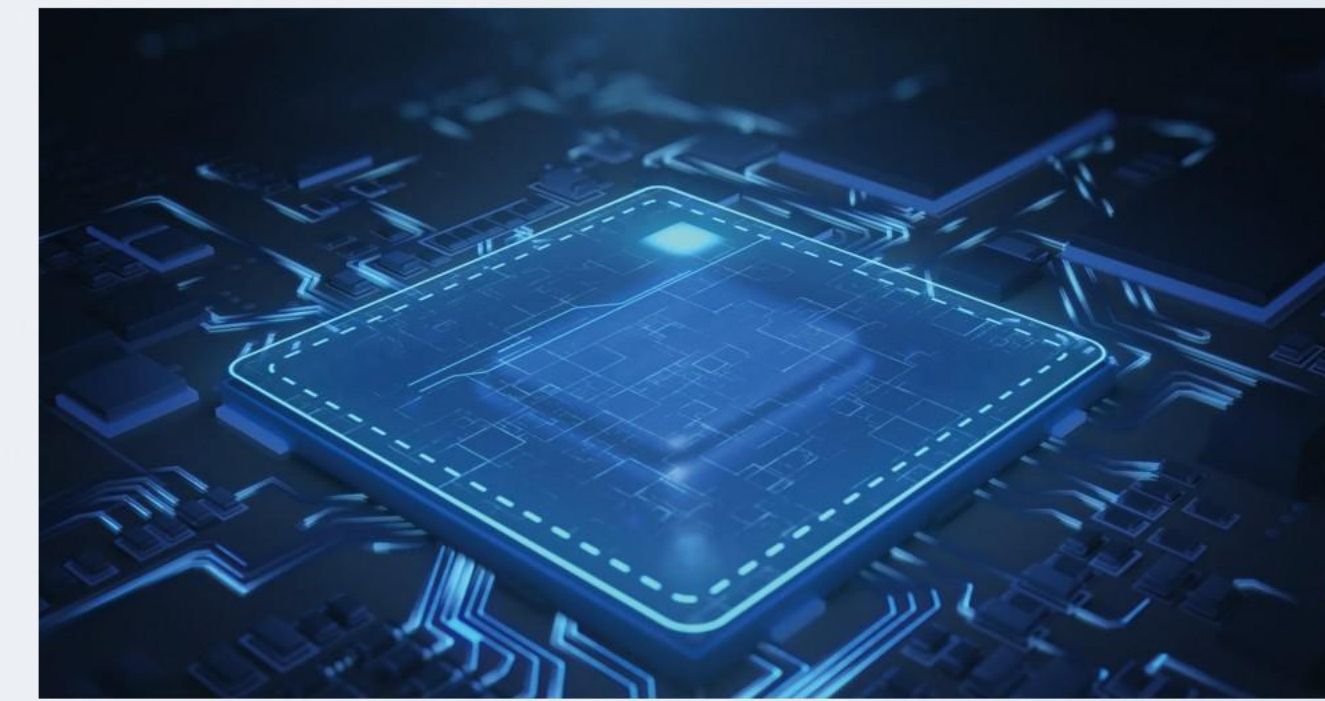
# VRN-AB Ultrasonic Scaler

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 handpiece, clear vision, with new packaging technology, feel more comfortable. Automatic negative feedback, constant power output, scaling softer.

- Dental cleansing
- Periodontal therapy
- Root canal washing
- LED Handpiece
- Automatic water supply



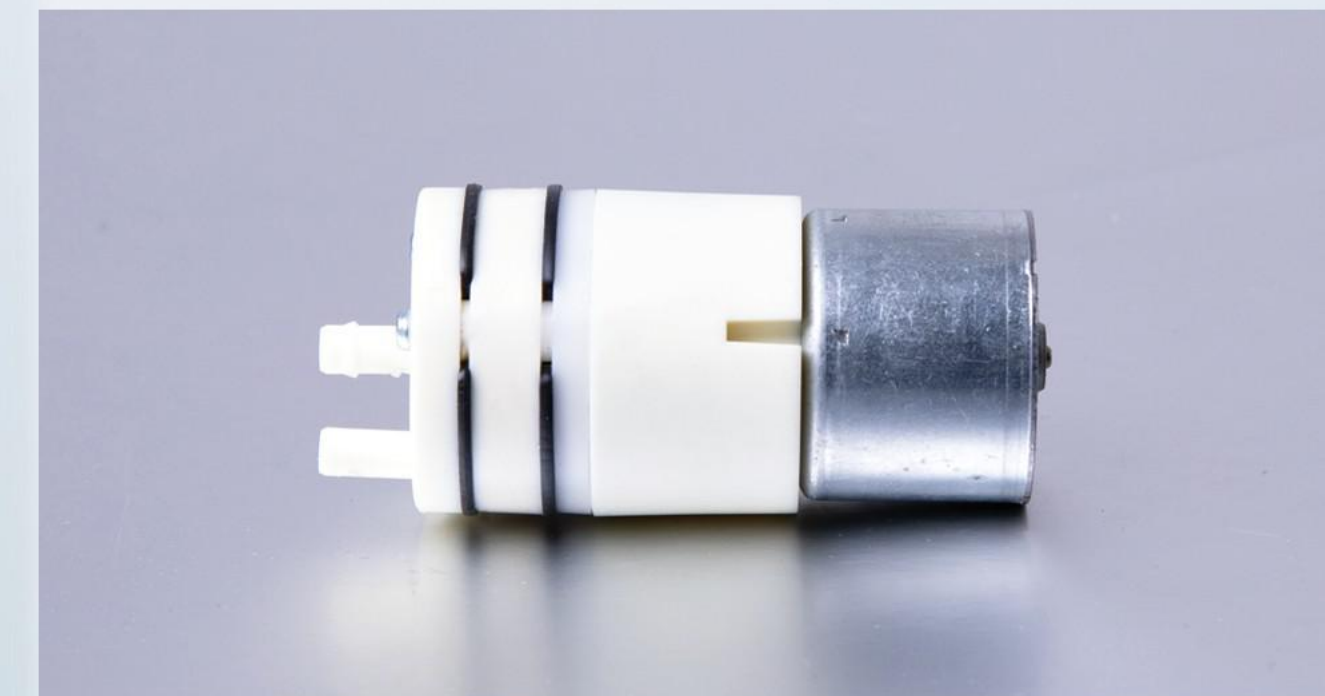
## Computer Microprocessing Chip

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



## 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.



## Automatic Water Supply System

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



## LED Detachable Handpiece

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

## VRN-K08A/K08AL Ultrasonic Scaler

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

Tip vibration frequency:  $28\text{kHz} \pm 3\text{kHz}$

Input power:  $40\text{VA} \pm 60\text{VA}$

Ultrasonic output power:  $3\text{W} \sim 20\text{W}$

Water pressure:  $0.1\text{bar} \sim 5\text{bar}$  ( $0.01\text{MPa} \sim 0.5\text{MPa}$ )



## VRN-K08DL Ultrasonic Scaler

Detachable LED scaling handpiece, clear vision  
Constant power output, more stable machine performance, clean the tooth more gently.

Tip vibration frequency:  $28\text{kHz} \pm 3\text{kHz}$

Input power:  $30\text{VA} \pm 48\text{VA}$

Ultrasonic output power:  $3\text{W} \sim 20\text{W}$

Water pressure:  $0.1\text{bar} \sim 5\text{bar}$  ( $0.01\text{MPa} \sim 0.5\text{MPa}$ )



## VRN-K08B Ultrasonic Scaler

Automatic negative feedback, constant power output, more comfortable and soft

Tip vibration frequency:  $28\text{kHz} \pm 3\text{kHz}$

Input power:  $40\text{VA} \pm 60\text{VA}$

Ultrasonic output power:  $3\text{W} \sim 20\text{W}$

Water pressure:  $0.1\text{bar} \sim 5\text{bar}$  ( $0.01\text{MPa} \sim 0.5\text{MPa}$ )



## VRN-K08D Ultrasonic Scaler

Intelligent power output, machine performance is more stable.  
Suitable for cleaning dental calculus, dental plaque and other tooth stains, activating root canal.

Power input:  $100\text{V} - 240\text{V}$ ,  $50/60\text{Hz}$

Tip vibration frequency:  $28\text{kHz} \pm 3\text{kHz}$

Input power:  $30\text{VA} \sim 48\text{VA}$

Ultrasonic output power:  $3\text{W} \sim 20\text{W}$



## VRN-I02 built-in Ultrasonic Scaler

Application: It is used for installation on the dental unit.

Handpiece: Detachable Piezo Handpiece

Control mode: Wired Foot Switch

Working water pressure: 0.01MPa ~ 0.05MPa

Working voltage: 30VA ~ 48VA

Tip vibration frequency: 25~31kHz



## VRN-I03 built-in Ultrasonic Scaler

Application: It is used for installation on the dental unit.

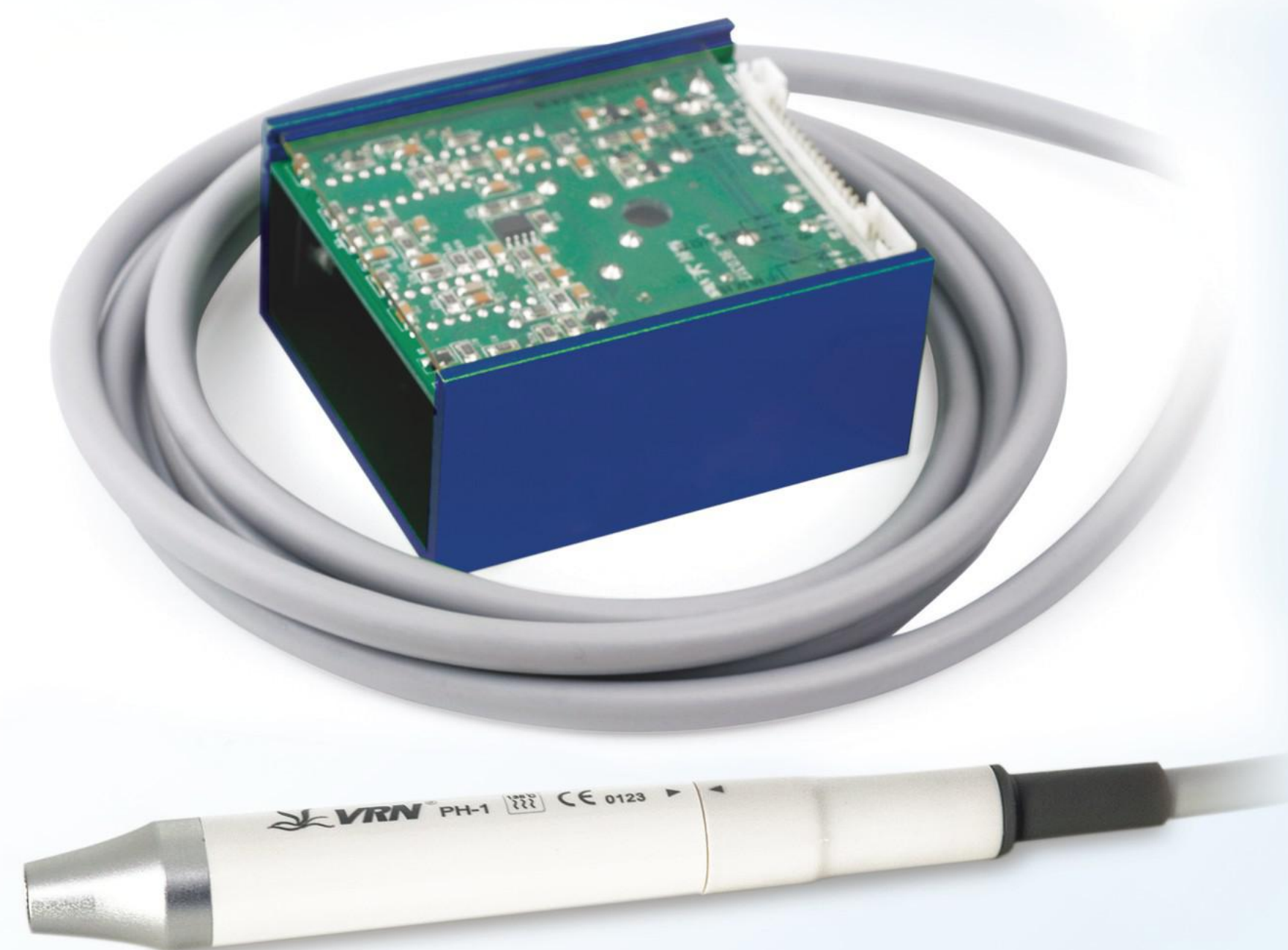
Handpiece: LED Detachable Piezo Handpiece

Control mode: Wired Foot Switch

Working water pressure: 0.01MPa~0.05MPa

Working voltage: 30VA ~48VA

Tip vibration frequency: 25~31kHz



## WSD- III (high version)

### Automatic water supply device

Application: Suitable for water supply of dental equipment

The water flow output: Not less than 50mL/min

The water pressure: Not less than 0.02MPa

Imported water pump, long service life.



## WSD-III (standard version)

### Automatic water supply device

Application: Suitable for water supply of dental equipment

The water flow output: Not less than 50mL/min

The water pressure: Not less than 0.02MPa

Domestic water pump, economical and practical.



## VRN-A5 Ultrasonic Scaler

The instrument has built-in computer micro-processing chip, automatic frequency tracking system, intelligent power output, more stable instrument performance can control tooth cleaning power, experience comfortable scaling.



## DA-1 Endo Ultra Activator

### MAKE THE ROOT CLEANER

- Improve activation
- Reduces the microbial load
- Facilitates upward debris removal
- Eliminates biofilm and smear layer
- Improves the sealing of the obturation
- Favors penetration of irrigants into the non-instrumented zones



## DP-10 Dental Air Polisher

A new generation of integrated sandblasting, can be used for basic oral cleaning, plaque control, Supragingival and subgingival treatment of implanted.



# BLACK KING KONG LED CURING LIGHT



Model No.: VAFU Color: Black

**VAFU**

LED CURING LIGHT



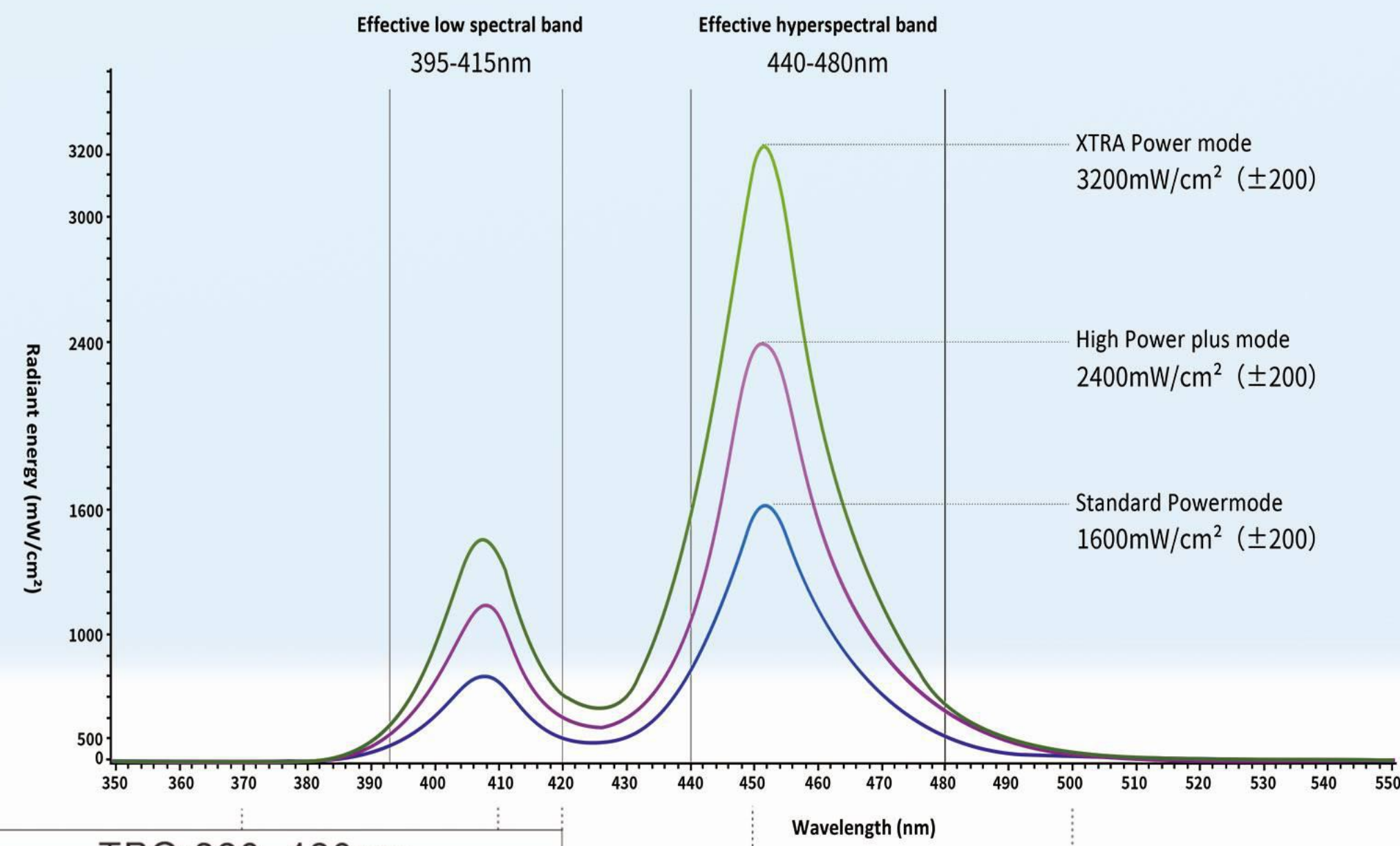
## VAFU wide spectrum LED curing Light

Parallel light source output, light source energy output more concentrated, better curing effect. Wide spectrum LED light curing machine, wider range of emission wavelength, can better solidify new resin materials such as TPO and so on.

### Wide-spectrum curing

VAFU broad spectrum curing Light emission wavelength range 385nm ~ 515nm, the supervisor increased 385nm ~ 420nm band, the new band can better solidify the resin material containing new photoinitiator, such as TPO, PPD and reduce the risk of resin shedding and incomplete fixed line.

Effective band of VAFU cured resin (effective spectral band 385~515nm)



CHARGING BASE CAN MEASURE THE LIGHT POWER



Qi Charging protocol

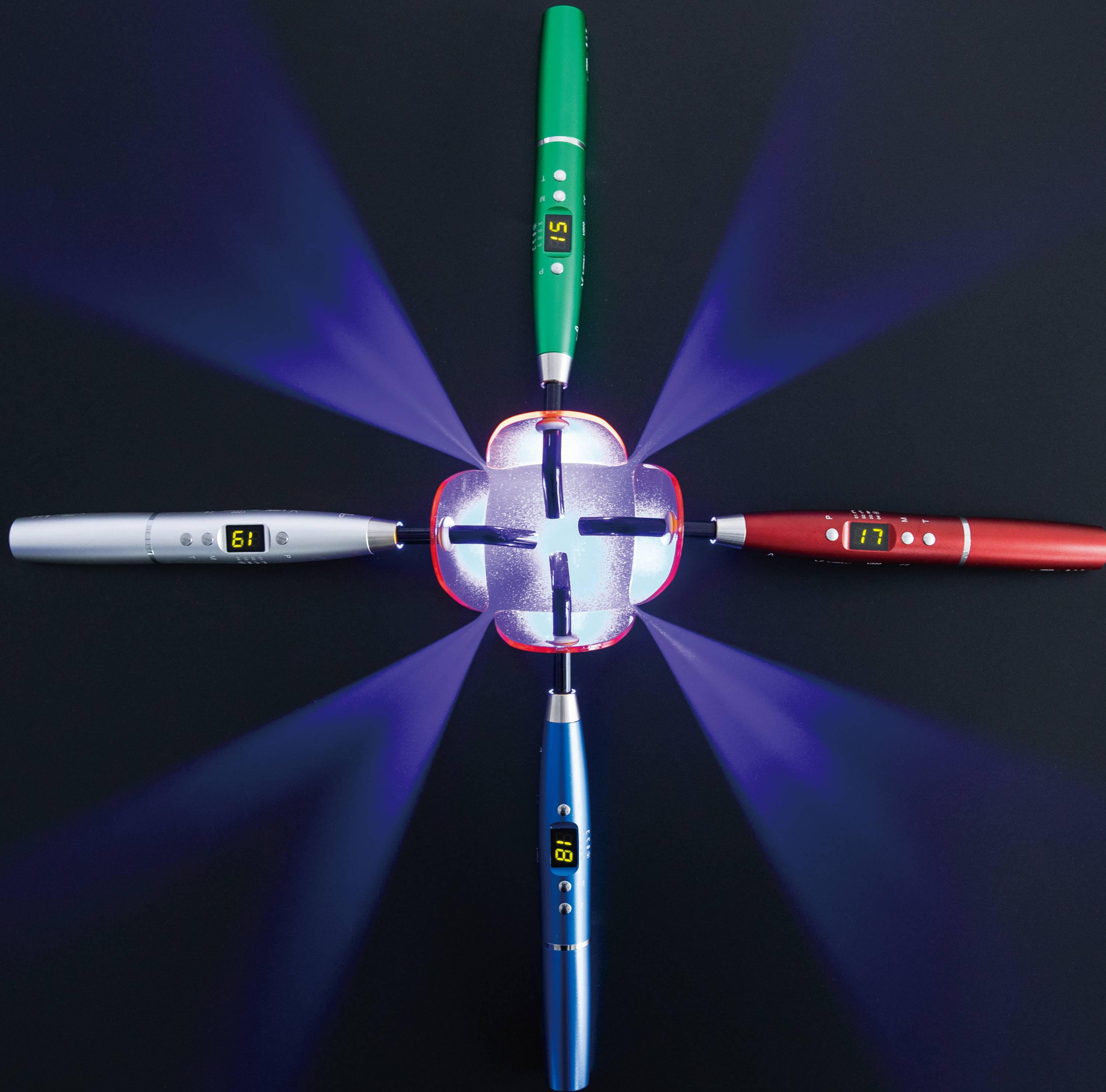
Wireless charging, more intelligent and convenient



# iLED2000 curing Light

Wide spectrum LED curing light





## V200 LED curing Light

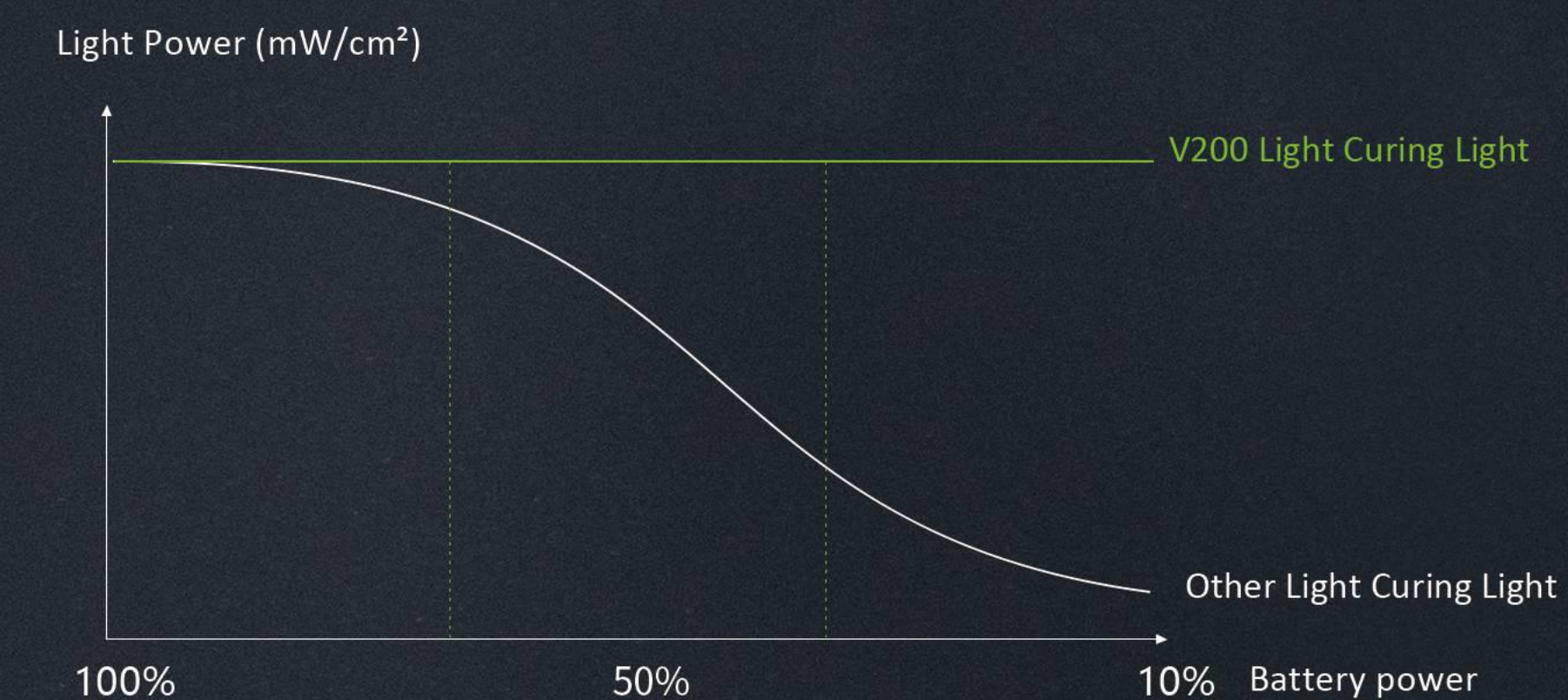
Constant light power output, curing effect will not be weakened by low battery charge.

3W high power Blue-ray LED light.

Ergonomic design increases the hand-held quality and the comfort of treatment.

### Constant intensity

Constant light intensity output. It will not weakened the curing effect because of the decrease of battery capacity.



3 modes of operation: full power, progressive, pulse

Time setting: 3, 5, 10, 15, 20, 25, 30, 35, 40 seconds

Light Intensity: 900mW/cm<sup>2</sup> ~ 1650mW/cm<sup>2</sup>

Wavelength: 420nm ~ 480nm

Optical effective area: 50mm<sup>2</sup>

10s depth of cured resin: ≥4mm

## V300 LED curing Light

Constant light power output, curing effect will not be weakened by low battery charge.

Efficient electro-optical conversion, can be used more than 400 times when fully charged. (calculated by 10s in full power mode/time)

3W high power blue-ray LED light.

Ergonomic design increases the hand-held quality and the comfort of treatment.



3 modes of operation: full power, progressive, pulse

Time setting: 3, 5, 10, 15, 20, 25, 30, 35, 40 seconds

Light Intensity: 900mW/cm<sup>2</sup> ~ 1100mW/cm<sup>2</sup>

Wavelength: 420nm ~ 480nm

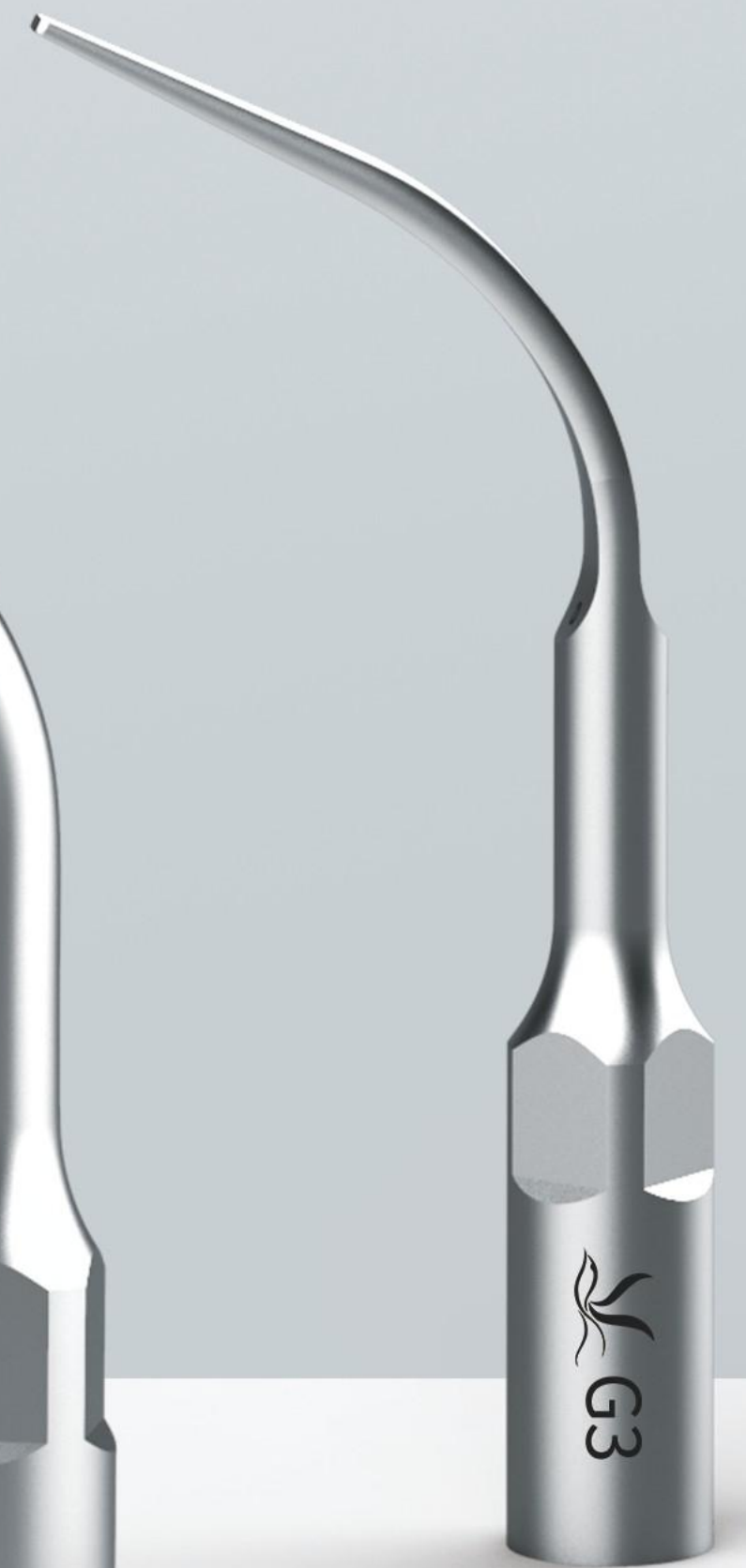
Optical effective area: 50mm<sup>2</sup>

10s depth of cured resin: ≥4mm

## Dental Prophylaxis Powder

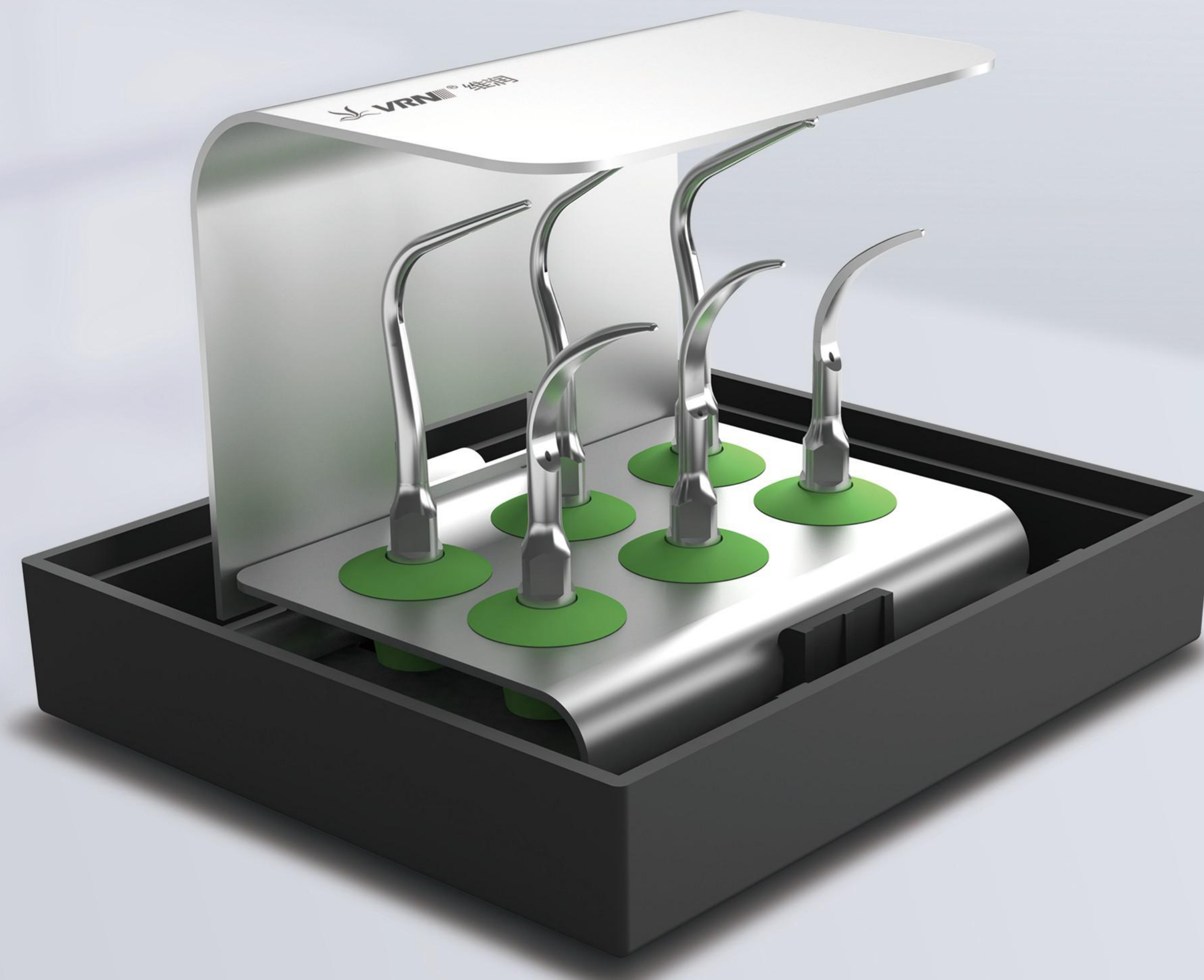
Used to remove plaque on dental surface and implant surface, polish dental tissue, restoration and implant, make them smooth and even.





Safety | Exclusive | Healthy

# PRIVATE PACKAGE



## Ultrasonic Periodontal Therapeutic Instrument and Scaler Handpiece

### AH-1 Subgingival Sandblasting Handpiece (Compatible with EMS Master)



Angle is 110°, suitable for plaque, pigment and soft dirt cleaning in tooth surface, occlusal surface, tooth seam, etc., high sand powder convergence degree, metal material feel better, can be autoclave.

### AH-2 Subgingival Sandblasting Handpiece (Compatible with EMS Master)



Angle is 110°, install disposable subgingival sandblasting nozzle, easy to disassemble and assemble suitable for periodontal bag plaque cleaning, pay attention to the use of subgingival sand powder, metal material feel better, can be autoclave.

### PH-2 LED Detachable Periodontal Handpiece (Compatible with EMS / woodpecker)



It is used in ultrasonic scaler and periodontal therapy instrument to remove dental calculus and periodontal pocket calculus. It is comfortable and can be sterilized by high temperature and high pressure steam. Matching EMS device, please notice it's applied for EMS thread tips, can not be used for the Satelec thread tips.

### PH-1 LED Detachable Piezo Handpiece (Compatible with EMS / woodpecker)



Used for Ultrasonic Scaler, efficient removal of dental calculus, can be exchanged with woodpecker & EMS. Please notice it's applied for EMS thread tips, can not be used for the Satelec thread tips.

### HP-1 Sealed Piezo Handpiece (Compatible with EMS)



For scaling, please notice it's applied for EMS thread tips, can not be used for the Satelec thread tips. Pay attention to the remove knob cap to cleaning thread and medical alcohol wipe sterilization, not high temperature and high pressure steam sterilization.

### HP-2 Detachable Piezo Handpiece (Compatible with EMS / woodpecker)



Used for ultrasonic scaling, high efficiency removal of dental calculus, can be pulled into high temperature steam sterilization, and compatible with EMS/woodpecker. Please notice it's applied for EMS thread tips, can not be used for the Satelec thread tips.

## VRN Scaler Tips Series

### Scaling (compatible with woodpeckers & EMS)

G1



Used to remove light and medium supragingival calculus and bacterial plaque.

G2



Flat edge is used to remove heavy supragingival calculus.

G3



Used to remove calculus and bacterial plaque from supragingival interdental areas.

G4



Used to remove all supragingival calculus and bacterial plaque and supragingival interdental areas.

G5



Used to remove all supragingival calculus and bacterial plaque.

G6



Used to remove heavy supragingival calculus, special for posterior teeth.

G7



Used to remove crown without water irrigation.

G8



Used to remove bridges, crowns and posts by fracturing the cement with irrigation.

### Periodontal therapy (compatible with woodpeckers & EMS)

P1



Periodontal cleaning, used for remove subgingival calculus, and periodontal irrigation.

P2L



Curved to the left, for treating furcations, interdental calculus and very narrow spaces.

P2R



Curved to the right, for treating furcations, interdental calculus and very narrow spaces.

P3



Periodontal cleaning, tip thin (0.4 mm) three-sided blade, used to remove subgingival calculus and periodontal irrigation.

P3D



Diamond coated, used to smooth the surface of root during periodontal flap surgery.

P4



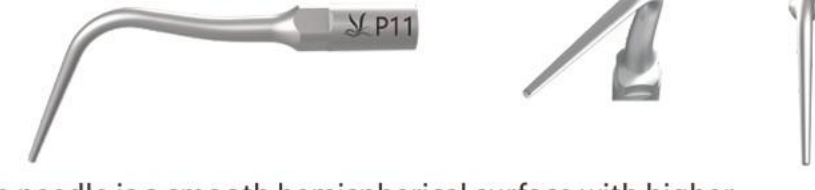
Periodontal cleaning, needle tip is cylindrical, needle tip is thicker, used to remove light periodontal pocket calculus.

P10



Periodontal cleaning, used to remove calculus and bacterial plaque from teeth neck, adjacent teeth space, subgingival calculus, using titanium alloy material, more soft and comfortable.

P11



The tip of the needle is a smooth hemispherical surface with higher comfort and is suitable for the lip (cheek) and tongue (palate) surfaces of all teeth.

P12



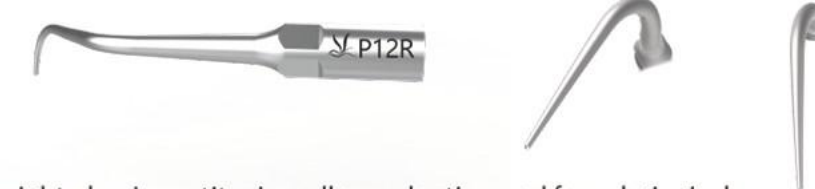
Periodontal cleaning, all-round removal of subgingival calculus and adjacent dental space calculus, using titanium alloy materials, more soft and comfortable.

P12L



Curved to the left, used for subgingival calculus detection, subgingival scraping, root surface flat (for deeper periodontal bags).

P12R



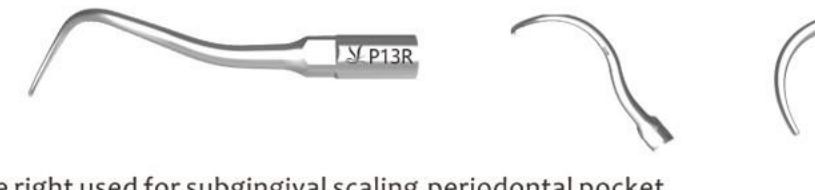
Curved to the right, aluminum-titanium alloy scaler tip, used for subgingival calculus detection, subgingival scraping.

P13L



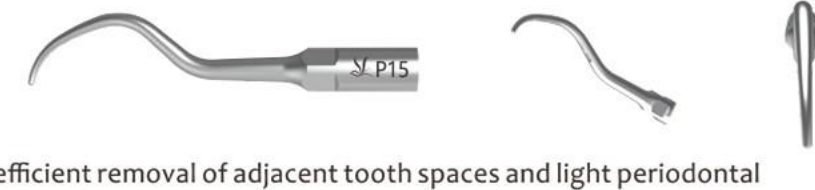
Curved to the left used for subgingival scaling, periodontal pocket probing and root planing.

P13R



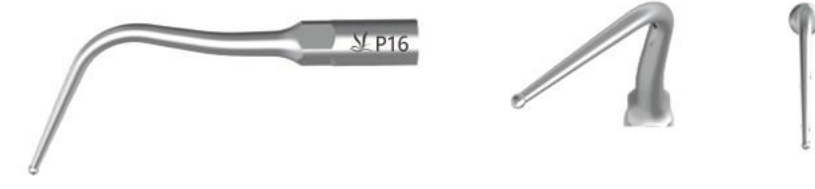
Curved to the right used for subgingival scaling, periodontal pocket probing and root planing

P15



tip hook for efficient removal of adjacent tooth spaces and light periodontal pocket calculus.

P16



tip of the needle is spherical, the ball is less irritating to the gingival, high comfort, and strength remove the subgingival middle calculus and the tooth neck calculus.

### Cavity preparation (Compatible woodpeckers & EMS)

SB1



Ball diamond tip, for preparation of occlusal surfaces and cervical ridges.

SB2



Semi-spherical diamond tip (0.085 mm), for finishing cervical interproximal areas without causing lesions to adjacent teeth.

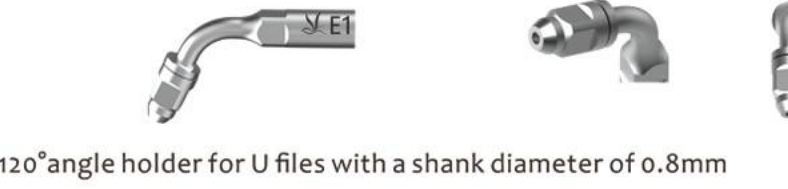
SB3



Semi-spherical diamond tip (0.085 mm), for finishing cervical interproximal areas without causing lesions to adjacent teeth.

### Root canal therapy (Compatible with woodpeckers & EMS)

E1



Stainless steel 120° angle holder for U files with a shank diameter of 0.8mm this tip is usually used for anterior root canal cleaning.

E2



Stainless steel 90° angle holder for U files with a shank diameter of 0.8mm this tip is usually used formolar root canal cleaning.

E3



With cooling spray disabled, this tip is used for lateral thermal condensation of gutta percha.

E3D



Diamond coated, used to remove calcification and bad filling material from pulp cavity and overhang pulp chamber.

E4



Quickly removes obstructions and broken instruments in the mid and upper thirds of large and straight canals. Tips length 22 mm.

E4D



Diamond coated, for retreatments or extremely hard materials. length 15 mm.

E5



Useful for quickly eliminating calculus and temporary cements. length 16 mm.

E5D



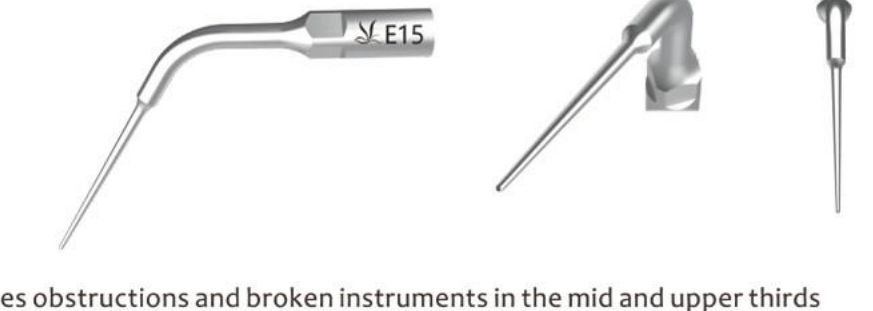
TDiamond Coated, for enhanced cutting and abrasion. Especially useful for removing very hard materials on the canal wall. Coating length 10 mm.

E14



Quickly removes obstructions and broken instruments in the mid and upper thirds of large and straight canals. length 22 mm.

E15



Quickly removes obstructions and broken instruments in the mid and upper thirds of large and straight canals. length 16 mm.

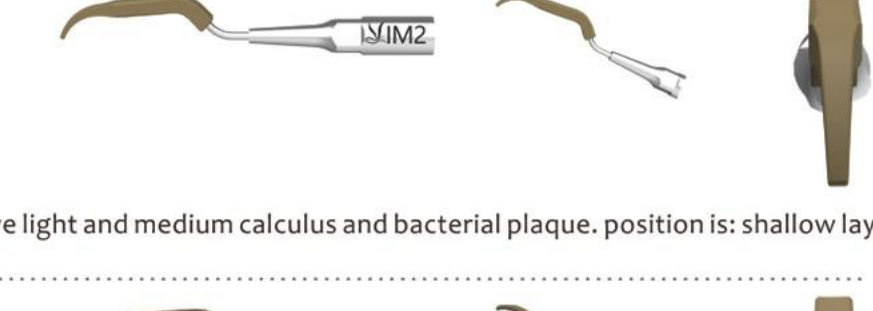
### Implant maintenance (compatible with woodpecker & EMS)

IM1



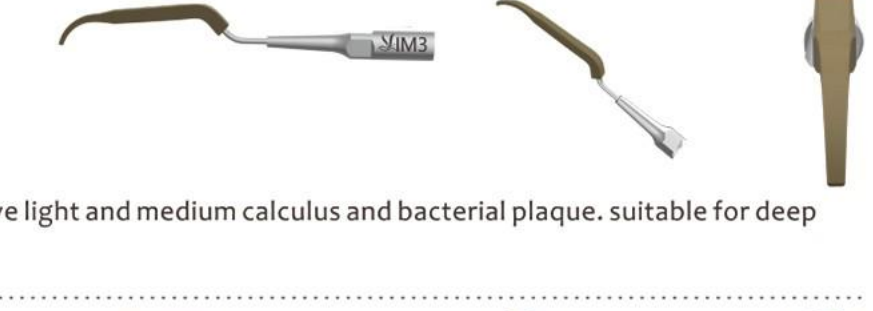
Implant Cleaning. tip for safe and gentle cleaning of implants and restorations.

IM2



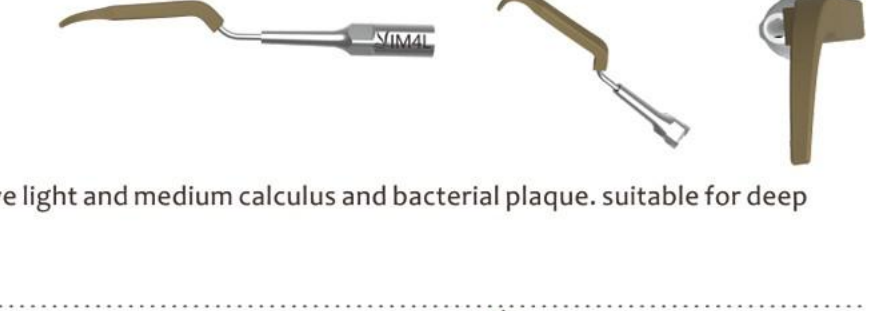
Used to remove light and medium calculus and bacterial plaque. position is: shallow layer.

IM3



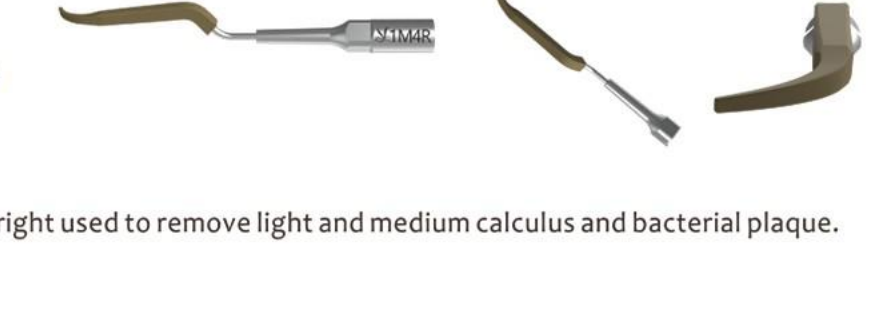
Used to remove light and medium calculus and bacterial plaque. suitable for deep position.

IM4L





Used to remove light and medium calculus and bacterial plaque. suitable for deep position.


IM4R

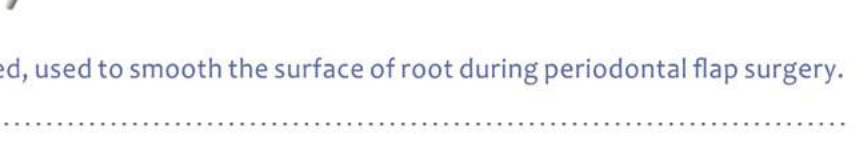



Curved to the right used to remove light and medium calculus and bacterial plaque.


**P1**  Periodontal cleaning, used for remove subgingival calculus, and periodontal irrigation.

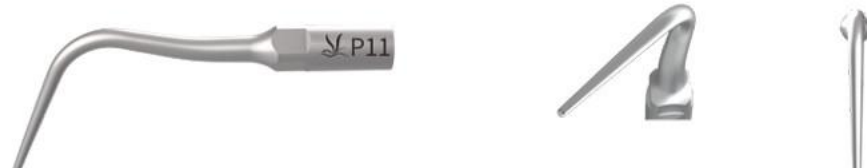
**P3**  Periodontal cleaning, tip thin (0.4 mm) three-sided blade, used to remove subgingival calculus and periodontal irrigation.


**P3D**  Diamond coated, used to smooth the surface of root during periodontal flap surgery.


**P4**  Periodontal cleaning, needle tip is cylindrical, needle tip is thicker, used to remove light periodontal pocket calculus.


**P10**  Periodontal cleaning, used to remove calculus and bacterial plaque from teeth neck, adjacent teeth space, subgingival calculus, using titanium alloy material, more soft and comfortable.


**P11**  The tip of the needle is a smooth hemispherical surface with higher comfort and is suitable for the lip (cheek) and tongue (palate) surfaces of all teeth.


**P12**  Periodontal cleaning, all-round removal of subgingival calculus and adjacent dental space calculus, using titanium alloy materials, more soft and comfortable.


**P12L**  Curved to the left, used for subgingival calculus detection, subgingival scraping, root surface flat (for deeper periodontal bags).


**P12R**  Curved to the right, aluminum-titanium alloy scaler tip, used for subgingival calculus detection, subgingival scraping.


**P15**  Tip hook for efficient removal of adjacent tooth spaces and light periodontal pocket calculus.

**P16**  tip of the needle is spherical, the ball is less irritating to the gingival, high comfort, and strength remove the subgingival middle calculus and the tooth neck calculus.

**IM1**  Implant Cleaning. tip for safe and gentle cleaning of implants and restorations.

**G1**  Used to remove light and medium supragingival calculus and bacterial plaque.


**G2**  Flat edge is used to remove heavy supragingival calculus.


**G4**  Used to remove all supragingival calculus and bacterial plaque and supragingival interdental areas.


**SB1**  Ball diamond tip, for preparation of occlusal surfaces and cervical ridges.


**SB2**  Semi-spherical diamond tip (0.085 mm), for finishing cervical interproximal areas without causing lesions to adjacent teeth.


**SB3**  Semi-spherical diamond tip (0.085 mm), for finishing cervical interproximal areas without causing lesions to adjacent teeth.


**E1**  Stainless steel 120° angle holder for U files with a shank diameter of 0.8mm this tip is usually used for anterior root canal cleaning.


**E2**  Stainless steel 90° angle holder for U files with a shank diameter of 0.8mm this tip is usually used for molar root canal cleaning.


**E3**  With cooling spray disabled, this tip is used for lateral thermal condensation of gutta percha.


**E3D**  Diamond coated, used to remove calcification and bad filling material from pulp cavity and overhang pulp chamber.


**E4**  Quickly removes obstructions and broken instruments in the mid and upper thirds of large and straight canals. Tips length 22 mm.


**E4D**  Diamond coated, for retreatments or extremely hard materials. length 15 mm.


**E5**  Useful for quickly eliminating calculus and temporary cements. length 16 mm.


**E5D**  Titanium Coated, for enhanced cutting and abrasion. Especially useful for removing very hard materials on the canal wall. Coating length 10 mm.


**P2L**  Curved to the left, for treating furcations, interdental calculus and very narrow spaces.

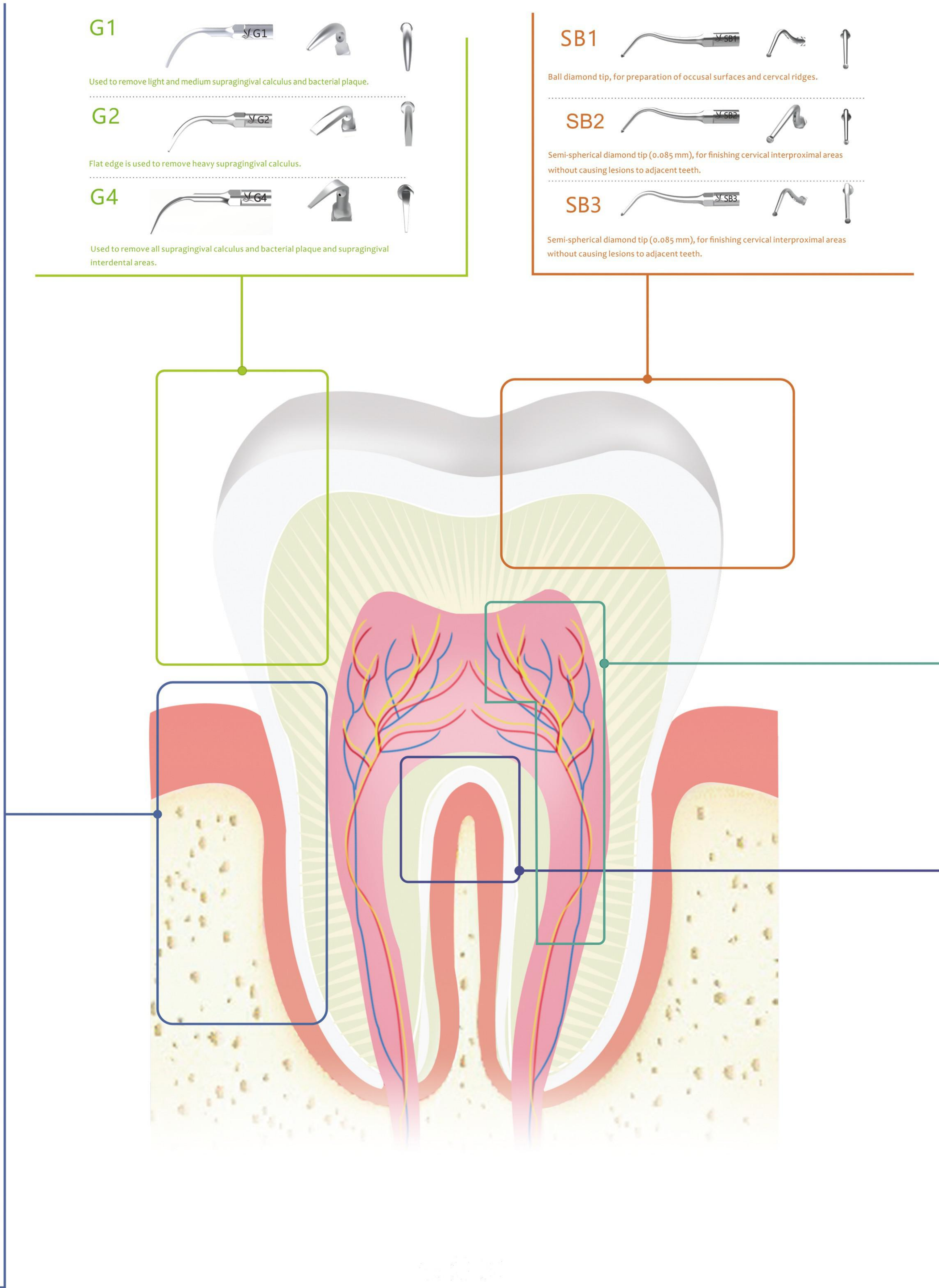
**P2R**  Curved to the right, for treating furcations, interdental calculus and very narrow spaces.

**P13L**  Curved to the left used for subgingival scaling, periodontal pocket probing and root planing.

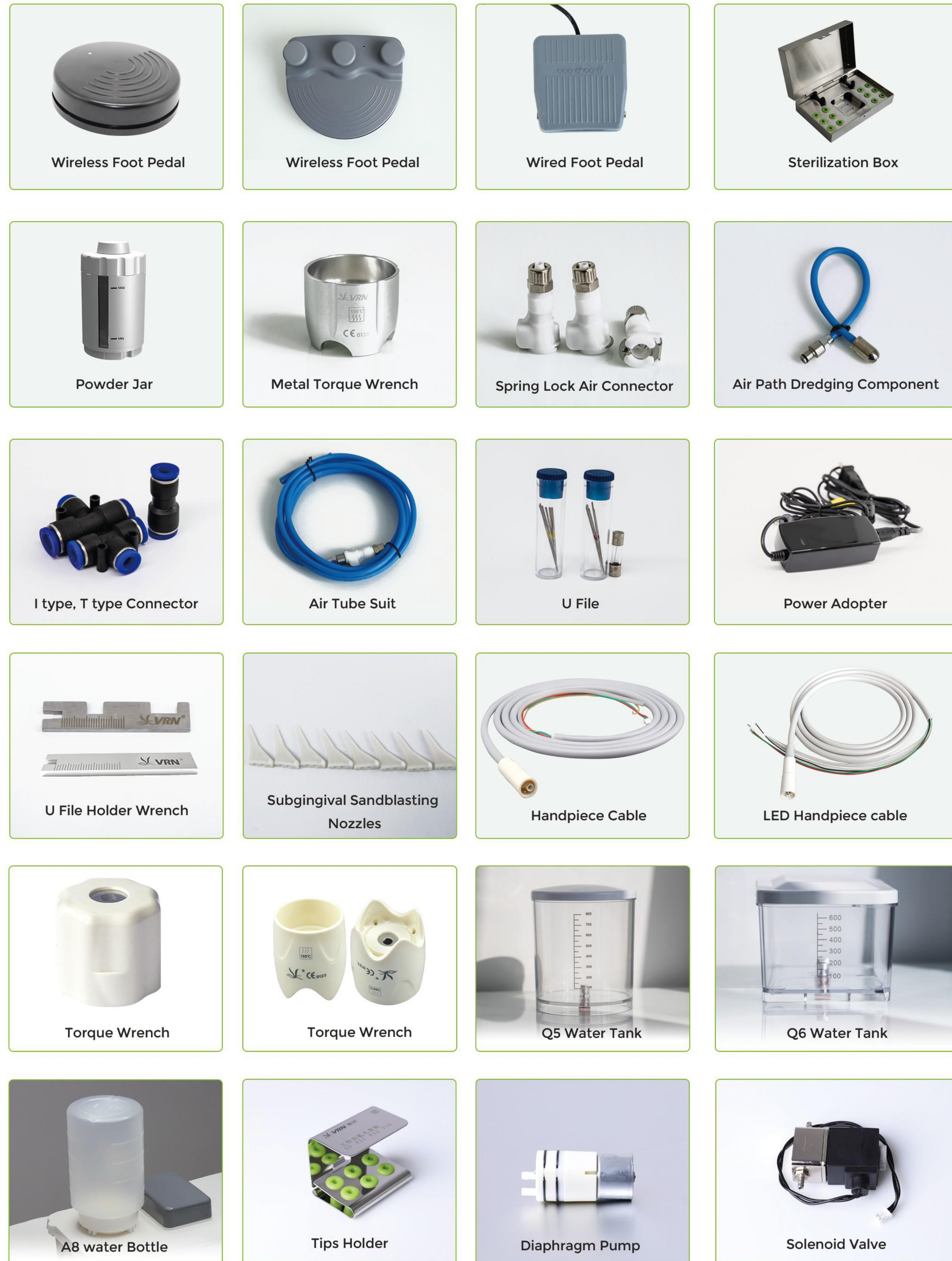
**P13R**  Curved to the right used for subgingival scaling, periodontal pocket probing and root planing.

**P14L**  Curved to the left, designed to accommodate the complex shape of the root bifurcation.

**P14R**  Curved to the right, designed to accommodate the complex shape of the root bifurcation.



Ultrasonic Scaler Parts



LED Curing Light Accessories

