WOODPECKER

Golden Bird

Dental Scaler and
Air Polisher

PT-A™

35 National Patents 5 Invention Patents
Air polishing + Ultrasonic periodontal treatment +
Endodontic treatment + Implant maintenance
Efficient and comfortable plaque removal



Guilin Woodpecker Medical Instrument Co., Ltd.



Modern scaling solutions
Realize both supragingival and subgingival sacling

Small-caliber nozzle
more concentrated air polishing

Anti-blocking system
reduces blocking

Air polishing + Perio + Endo + Implant
maintenance

Large screen smart touch control



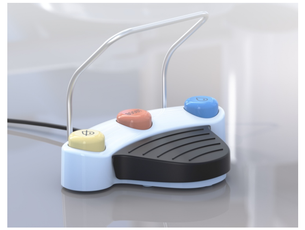
Small-caliber nozzle



Automatic identification of scaling mode



Multi-function foot pedal





Elliptical vibration

The elliptical vibration trajectory can achieve 0° angle operation between the tip and the tooth surface, enabling the polishing effect. Disperse the impact force between the tip and the teeth to achieve comfortable scaling.
Achieve 360° scaling

Titanium alloy tip

The hardness is lower than dental enamel, more flexible and more comfortable.
Titanium alloy tip hardness: HRC30
Stainless steel hardness: HRC50



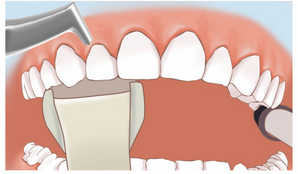
Implant maintenance





Thorough removal of plaque

Air polishing can achieve significant scaling effect in the occlusal surface, adjacent surface, orthodontic brackets and other difficult-to-clean areas.

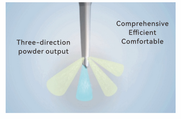


Reduce plaque and pigment adhesion

After ultrasonic scaling or manual scaling, patients are likely to feel that the teeth surface is rough and uneven. The main function of air polishing is to polish teeth surface. After polishing, the tooth surface is smoother, and the plaque and pigment are less likely to adhere to it.

Subgingival Air-polishing

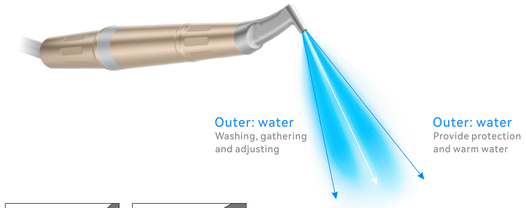
It can control inflamed situation of natural tooth/ peri-implantitis effectively and reduce the probing depth.
Compared with traditional scaling, it can better clean the tooth surface and the complex thread structure of the implant.

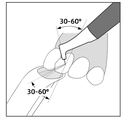




Plaque control

Small-caliber nozzle, more concentrated air polishing and more efficient plaque removal
High concentricity of water and air path achieves a good coating of powder by water and reduces the flying of powder.





Recommended angle: 30°-60°



Recommended distance: 3-5 cm

Scaling effect



Three-section Air polishing Handpiece, easier for cleaning

Lightweight handpiece
Longer service life



Super: 65μm Erythritol Supragingival only

Used for the removal of biofilm, pigment and soft dirt on the adult supragingival. It provides more comfortable treatment coupled with efficient scaling.

- 200g/bottle
- It is efficient, refreshing and slightly sweet.
- "0" glycemic index, not involved in blood sugar metabolism and blood sugar changes, can also be used by diabetic patients.
- "0" calories, more favored by women.

The promotion and sale of SUPER and SUPER PRO are not aimed at the following countries: France, Spain, Germany, Switzerland, Norway, Czech Republic, United Kingdom, Italy, Netherlands, Austria, Belgium, Denmark, Turkey, Sweden, Liechtenstein, Japan, and the United States



Gentle: 25μm Glycine Subgingival + supragingival

Glycine is only 25um in particle diameter, which is gentle and non-invasive to the soft tissue in the periodontal pocket, and to the gingival, upper jaw as well as dental tissue surface, can be used for maintenance of pediatric teeth, orthodontics, restorations, periodontal and implants.

- 120g/bottle
- Slightly sweet glycine with a pleasant taste
- Hardness less than dentin, can be safely used in subgingival scaling, periodontal and implant cleaning and maintenance.



Fast: 65μm Sodium bicarbonate Supragingival only

Used for rapid removal of stubborn pigments, soft dirt and biofilm on adult gingival.

- 300g/bottle
- 2.5 Mohs' hardness provides efficient scaling experience and enables easy removal of supragingival biofilm and stubborn pigment.



Material	Glycine	Dentin	Erythritol	Sodium bicarbonate	Enamel
Moh's hardness	2	2-2.5	2.5	2.5	4.5



Multi-function foot pedal

Water-free Mode
BOOST
Boost Mode
Washing Mode
Standard Mode

Root canal treatment

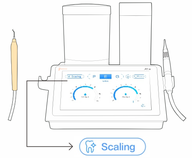


Ultrasonic periodontal treatment

Save supragingival and subgingival ultrasonic scaling
Elliptical vibration track disperses the impact force between the tip and teeth.
The hardness of titanium alloy tip is lower than that of cementum and enamel, doing no harm to teeth.



Automatic identification of scaling mode



Pick up the Ultrasonic Handpiece to automatically enter the Ultrasonic Scaling Mode



Pick up the Air Polishing Handpiece to automatically enter the Air Polishing Mode

Dual water supply

Equipped with two water supply bottles (600mL, 1400mL) made of anti-corrosive materials.
They can contain special chemicalssuch as chlorhexidine, hydrogen peroxide, and sodium hypochlorite.
External water supply is also available.
Water heating unit makes the treatment mare endurable.

Accessories

Main unit + Air-powder sterilizing box and Ultrasonic sterilizing box

Air-Powder sterilizing box

For sterilization and storage of Air Polishing Hand piece and cleaning needle

Ultrasonic sterilizing box

For sterilization and storage of Ultrasonic Handpiece and cleaning needle

Outer box

For storage of all PT-A accessories

Standard configuration:

Ultrasonic handpiece	×1	Sterilizing box	×3	Powder tank	×2
Air polishing handpiece	×2	Water bottle	×2	Water pipe Air pipe	×2
Torque wrench	×2	Multi-functional foot pedal	×1	Needle	×2
Tip P33	×2	Tip P59	×1	Power adapter	×1