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ZMR-XC-082 V1.0



## Super Pen

Dental Anesthesia Device



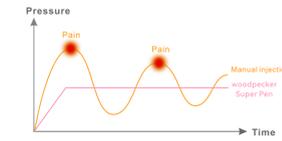
### Brushless motor, longer life

High quality & high performance  
Low wear, low heat generation  
10 times the service life of brush motor  
27.1dB lower noise than other brands,  
more silent



### Intelligent algorithm control Precise drug delivery

Precise pressure feedback technology  
Intelligent algorithm control  
Computer-controlled automatic injection  
Drug delivery at constant speed and low pressure  
Precise control of injection speed  
Injection accuracy up to 0.02ml  
Injection speed lower than that inducing patient's pain  
Bring comfortable and painless experience

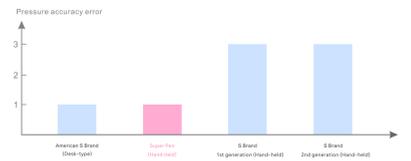


\*For traditional manual injection, the injection speed and pressure are difficult to control, and it's easy to cause pain to the patient during the process.



### High-precision pressure sensor More accurate

Built-in high-precision pressure sensor  
Adopt dual-pressure detection technology  
Accurate real-time feedback of pressure on the needle from skin tissue  
3 times increased accuracy than similar products

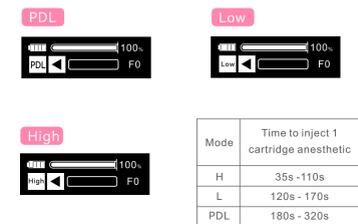


### Easy solution to traditional periodontal ligament injection problems

Periodontal ligament injection mode (PDL)  
Dual-pressure detection technology + Intelligent algorithm control  
Can accurately identify and indicate the entry into the periodontal ligament area and automatically start the PDL mode  
Avoid hand fatigue, failure injection, incorrect injection site, severe pain, etc.

### Three adjustable injection speeds

Doctors can choose different speed modes according to habits, making treatment more convenient and faster.



Dynamic display of pressure and the percentage of anesthetic injected  
Auto switch to PDL mode when encountering periodontal ligament

### No consumables More economical

USA medical material  
High durability and clarity  
Cartridge holder can be autoclaved thousands of times  
More cost-efficient



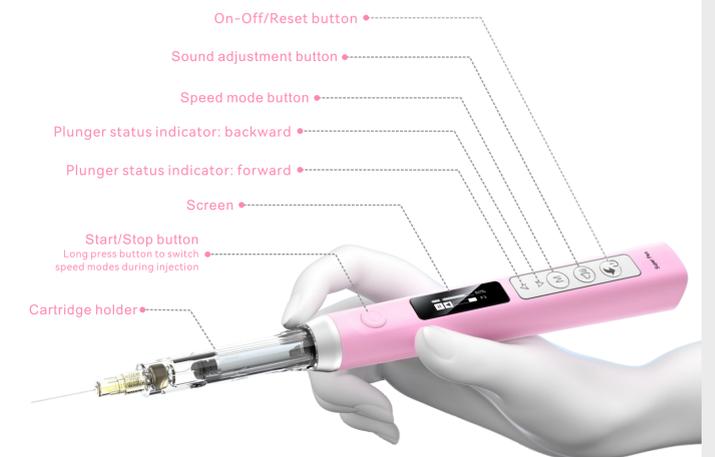
**Intelligent prompts Soothing music**  
Set up the speed mode voice prompt, injection status voice prompt, and injection status indicator prompt, more convenient for doctors to operate  
Accompanying calm music in injection brings patients a relaxing and comfortable treatment experience.



**Wireless charging, long battery life**  
Handpiece adopts wireless charging design  
Built-in 2000mAh battery in the base  
Handpiece can be charged by placing it on the base, convenient and durable

### One-button operation, more convenient

Physical injection button to prevent accidental touch  
One-button aspiration, reduce the risk of anesthetic entering the blood vessels  
One-button speed mode switching, adjustable speed during injection  
One-hand control, comfortable and efficient



- On-Off/Reset button
- Sound adjustment button
- Speed mode button
- Plunger status indicator: backward
- Plunger status indicator: forward
- Screen
- Start/Stop button  
Long press button to switch speed modes during injection
- Cartridge holder