AI Surgery PRO

Piezo bone surgery unit



01

Various Operation Modes

set up various operation modes and working tips to make the operation process smoother.

02

HD Sensitive touch screen

360° color LCD Full-touch non reflective screen, Sensitive touch screen.

03

Ultra silence

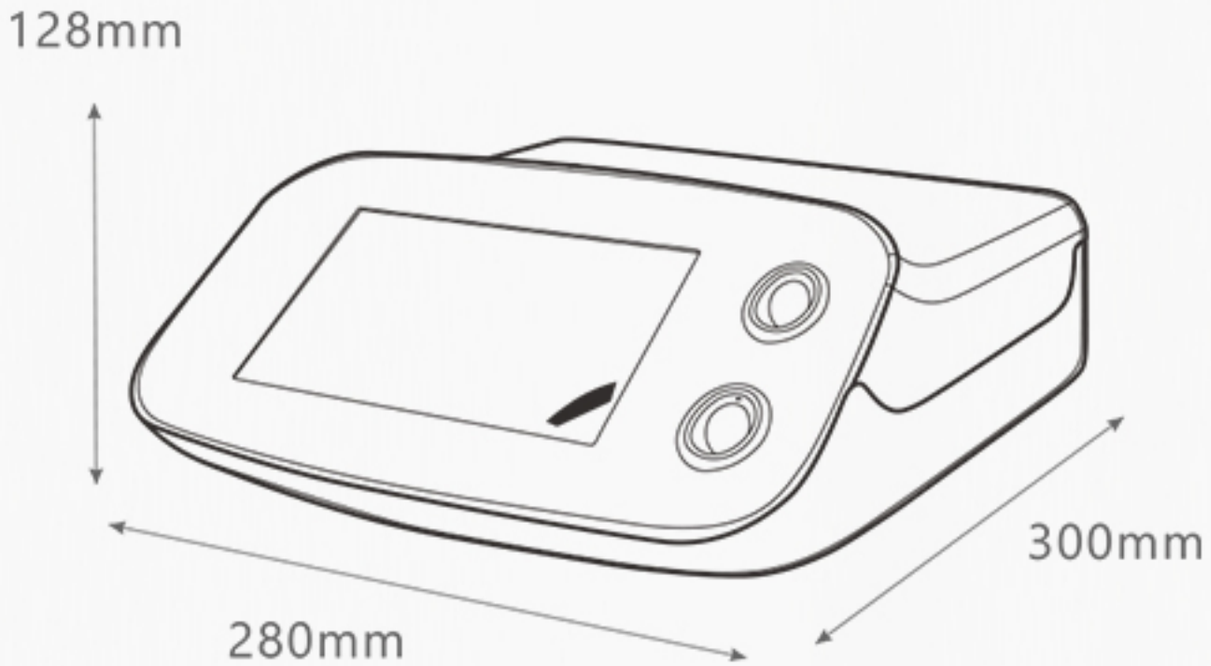
Selected Peristaltic pump, 5-rotor stepper motor design, easily installation, running silently, offering steady water flow.

HD SENSITVE TOUCH SCREEN

360 degree
Clear direct-viewing

7 inch
Easily operate





Technical Parameter

Voltage: AC 100~240V

Fuses: 2×F10A 250A

Working Frequency: 24kHz-36kHz

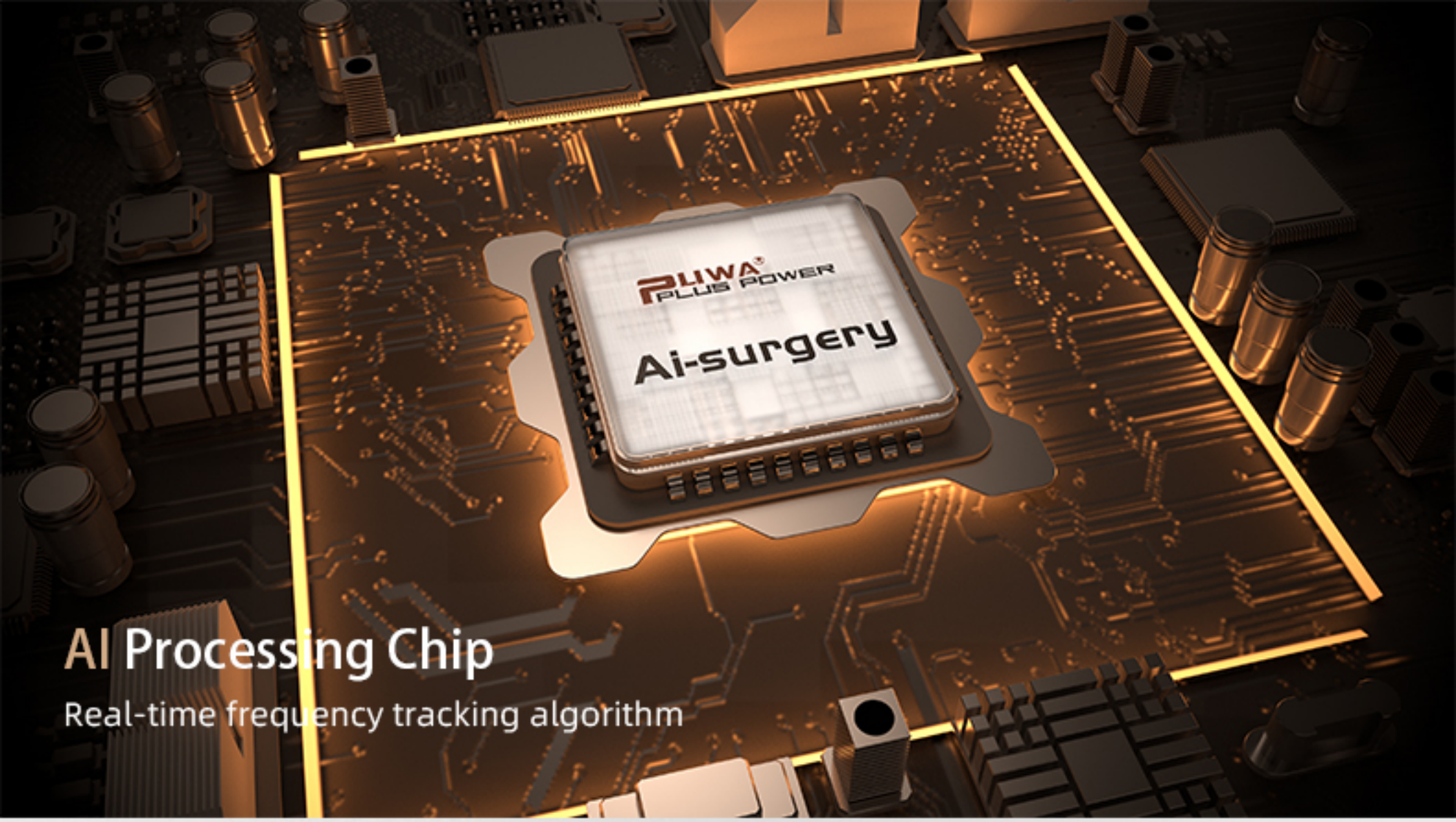
Fuses: 2×F10A 250V

Max. Power Consumption: 150VA

Water Flow: 60~100ml/min

Water Applied Parts: Handpiece and Piezo tips

Waterproof Level: IPX1



AI Processing Chip

Real-time frequency tracking algorithm



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FEATURES

AI POSITIONING

CLEAR SURGICAL VISION

SAVE AND RELIABLE



High-intensity focused ultrasonic only has a destructive effect on bone tissue with a specific hardness, with no damage on blood vessels and nerve tissue.

Radial amplitude:20-200μm

Horizontal amplitude<30μm



After working at full power for 10 minutes, the handpiece temperature is up to 33℃

Operator Interface



FOOT PEDAL





4 Hours charging time, and standby more than 50 hours.

Water increase

Bluetooth pairing

Water decrease

The multi-functional foot pedal can easily control and switch the water Flow, Program, Rotation direction, Power and intelligently control the speed.

It can **Support cable connection & Bluetooth wireless connection**, the signals received within 10 meters.

PERISTALTIC PUMP

IMPORTED STEPPER MOTOR DRIVER



45dB

Ultra silence

Running silently,easy to operate and setting, the noise is less than 45dB

3”

Easily installation

Quickly change hoses with a single twist and close tightly without gpas, it only takes you 3 seconds.

5 rotors

Imported stepper motor

The 5-rotor stepper motor driver precise control of the rotation angle, delivers flow stability and metering accuracy.

SURGERY

TIP SERIES

A Wide Choice For Application



Extraction kit



PCK-1 PCK-2 PCK-3 PPK-2 PPK-3



Retro surgical kit



PEK-1 PEK-2 PEK-3 PEK-4 PSK-4



Osteotomy Kit



PSK-1 PSK-2 PSK-1R PSK-1L PSK-6



Basic kit



PSK-1 PSK-2 PSK-4 PSK-5 PCK-1 PLK-3



Periodontal kit



PSK-4 PPK-2 PPK-4 PPK-5 PPK-7



Sinus lift kit



PLK-1 PLK-2 PLK-3 PLK-4 PLK-5

Components



Control Terminal



Foot Switch



Power Cord



Foot Switch Power Adapter



Handpiece Holder



Handpiece with Cable



Torque Wrench



Water Bottle Bracket



Sterilize Box



Disposable Gum Rinser



Tips Holder and Tips