

# AI SURGERY PRO

PIEZO SURGERY LED MOTOR



DENTAL GROUP



Piezo surgery is a new system required for modern surgery and implant surgery, which can set up various operation modes and working tips to make the operation process smoother and improve the accuracy and efficiency of treatment

# AI SURGERY PRO



CE  
ISO  
13485

## GUARANTEES

Motor : 2 years  
Handpiece : 1 year



## 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 Sensitivetouch screen

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

03

Ultra silence

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

## HD SENSITIVE TOUCH SCREEN

360°

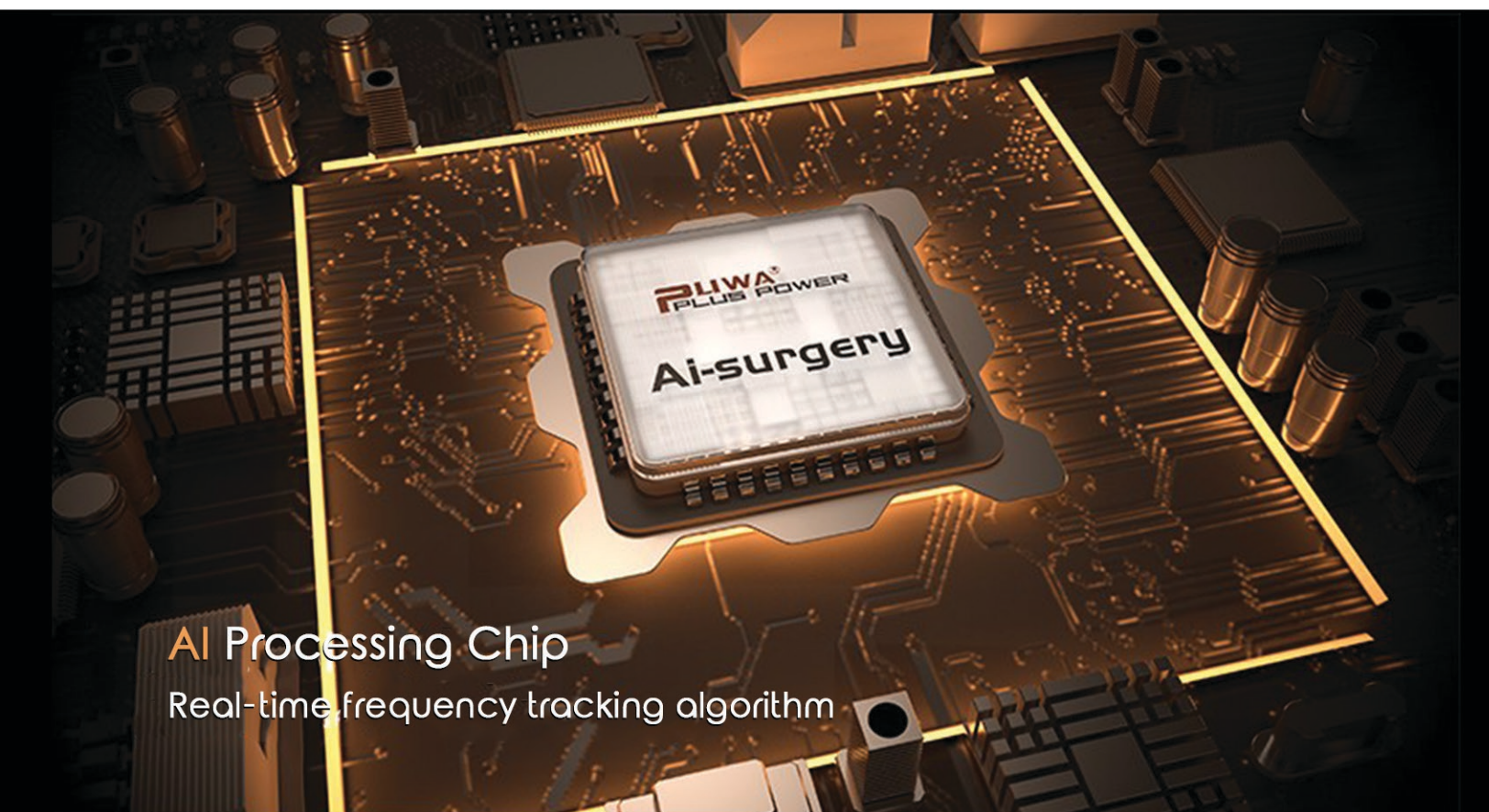
Clear direct-viewing

7 inch

Easily operate







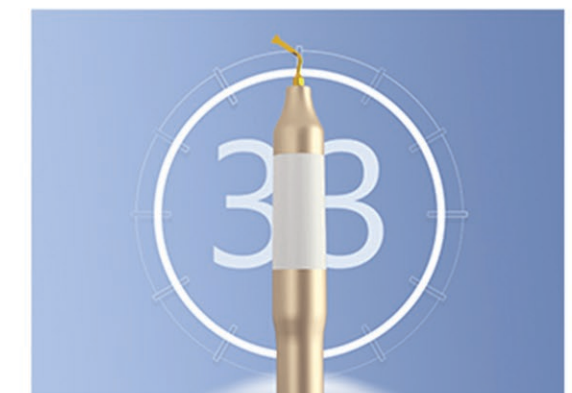
AI ALGORITHM

CLEAR SURGICAL VISION

SAFE AND RELIABLE



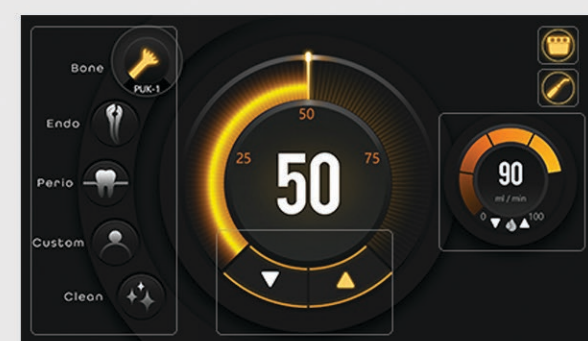
High intensity focused ultrasonic only has a destructive effect on bone tissue with a specific hardness, with no damage on blood vessels and nerve tissue.  
Radial amplitude : 20-200μm  
Horizontal amplitude<30 μm



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



the surgical field of vision is clear and the shadows are reduced for better visibility



Operator Interface



BONE MODE



ENDO MODE



PERIO MODE



CUSTOM MODE



CLEAN MODE



## ► PERISTALTIC PUMP

HIGH QUALITY STEPPER MOTOR



### 45dB

Ultra silence

Running silently (less than 45dB), easy to operate and setting

### 3"

Easily installation

Quickly change hoses with a single twist and close tightly without gaps : it only takes you 3 seconds

### 5 rotors

HQ stepper motor

The 5-rotors stepper motor allows precise control of the rotation angle, delivers flow stability and metering accuracy

## FOOT PEDAL



## Technical Parameter

Water Flow: 60~100ml/min

Water Applied Parts: Handpiece

Waterproof Level: IPX1

Working Frequency: 24kHz-36kHz

Max. Power Consumption: 150VA

Voltage: AC 100~240V



## ► 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



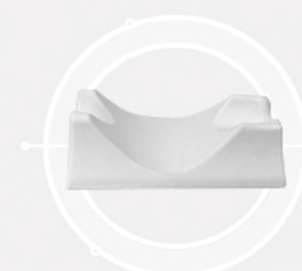
Foot Switch



Power Cord



Foot Switch Power Adapter



Handpiece Holder



Handpiece with cable



Torque Wrench



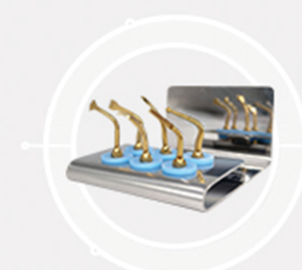
Bracket



Sterilize Box



Irrigation line



Tips holder and Tips



Carrying case





DENTAL GROUP

Espace 14 it's...

### ACCESS IMPLANTS

The Access implant system is manufactured in Germany and is integrated with the latest digital technologies (Exocad, 3Shape, Realguide, etc.)



Espace 14 it's also...



Biomaterials



Implants motors



Instrumentations



Hyaluron



G.B.R



Co2 / Diode lasers

### TRAINING

Espace 14 has established a partnership with KCF Paris, a leading provider of dental education.



International Master's programs, tailored clinical coaching, short courses lasting 1 to 3 days on various topics (with or without official accreditation in France), and one-week clinical coaching programs in international clinics...

KCF offers training in oral implantology and dental innovation, tailored to the needs of professionals, with programs designed to help you deepen your skills and stay up to date with the latest techniques.

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