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PUWA®
PLUS POWER

佛山市澎湃动力医疗科技有限公司
Foshan Plus Power Medical Technology Co.,Ltd.

AI IMPLANT TOUCH

AI极致美学旗舰版

AI ULTIMATE AESTHETICS FLAGSHIP
VERSION IMPLANT DEVICE



PUWA®
PLUS POWER
佛山市澎湃动力医疗科技有限公司
Foshan Plus Power Medical Technology Co.,Ltd.

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实现产品极致输出
ACHIEVE THE ULTIMATE OUTPUT OF PRODUCTS

专注于动力产品
FOCUSING ON POWER PRODUCTS

致力于产品研发
DEVOTE TO PRODUCT R&D



公司简介
COMPANY PROFILE

佛山市澎湃动力医疗科技有限公司，是专业的牙科动力系统解决方案提供者，集研发、制造、营销和服务于一体的专业牙科器械制造商。

澎湃动力产品线：牙科电动马达，微动力系统，牙科种植机，超声骨刀，超声牙周喷砂治疗仪、牙科高/低速手机等产品线，共计十余款产品。

科技人才：引进国资企业医疗技术支持，10年以上产品设计经验的电动马达、种植机、超声骨刀的高级工程师，是一支专业知识素养高、团队凝聚力强的技术队伍。

专利技术：17项实用新型专利，4项发明专利。

实现目标：“专注，极致”，专注于动力产品，致力于产品研发，实现产品极致输出。

Foshan Plus Power Medical Technology Co., Ltd. Is a dental power system solution provider and a professional dental equipment manufacturer integrating research and development, manufacturing, marketing and service.

Our product lines: Dental electric motor, dental implant system, dental surgery dynamic, piezo surgery system, Ultrasonic periodontol therapy system, high speed and low speed dental handpiece, which contain more than 10 products.

Technological talents: The introduction of medical technology support from state-owned enterprises, senior engineers with more than 10 years of product design experience in electric motors, implant system, and piezo bone surgery system. It is a technical team with high professional knowledge and strong team cohesion.

Patent technology: 17 utility model patents, 4 invention patents.

Goal: "Concentration, Perfection", focusing on power products, devote to product research and development, and achieve the ultimate output of products.

AI IMPLANT TOUCH

全彩触屏牙科种植机



▶ 牙科种植专家

凭借简单的操作、精确的扭矩控制、强劲稳定的马达和合理设计的作业流程，AI Implant Touch让牙科种植手术变得更简便更安全。

With simple operation, precise torque control, strong and stable motor and rationally designed operation process. AI Implant Touch makes dental implant surgery easier and safer.

▶ 高清触摸体验

360°全彩液晶触摸屏，超灵敏触控。

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



▶ 5转子静音蠕动泵

5转子步进电机，抽/出液更精准，分液更高效。

The 5-rotor stepper motor, more accurate pumping/discharging, and more efficient liquid dispensing.



高清触屏 极简操作

HD SENSITIVE TOUCH SCREEN

触摸灵敏 飞速反应
Sensitive touch screen

玻璃表面 擦拭消毒
Wipeable sterilization

七寸触屏 高清饱满
7 inch color touch creen



AI智能校准

AI Artificial Calibration



精准扭力校正

充分保障操作的安全性和稳定性

▶ Accurate torque control adequately ensure safety and stability of rotary instruments' operations.





实时速度显示

操作更直观精准,全面掌控手术变量

▶ Real-time speed display.
The operation is more intuitive and precise, and the surgical variables are fully controlled.

LED无刷电机
SWISS LED MOTOR

100-40,000转（±10%）的转速范围，最高可达70N.cm的超大扭矩，为医生提供高效的手术体验。

It offers 100 to 40,000 rpm(±10%) speed range.
Maximal touque could reach 70N.cm，providing an efficient surgical experience for the dentist.



德国进口轴承，安静且稳定
German bearing, Silence and Stable

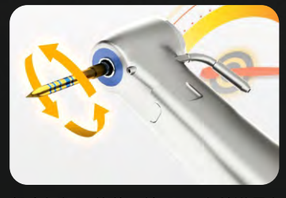
20:1 种植弯机
IMPLANT CONTRA ANGLE

采用明亮的光纤照明，损耗更小，德国进口轴承，确保同心度≤0.01mm

Cellular glass optic design, Imported German bearing, radial runout less than 0.01mm



超大扭矩 70N
Super Torque



超大扭矩，峰值可达70N，完美满足各种牙科种植需求。

Super powerful torque, the max torque can reach 70N, which perfectly meets the needs of various dental implants.

进口精密轴承 65dB
Imported bearing



进口高品质机芯轴承，保障高耐久的同时，噪音也稳定在65分贝以内。

Imported high quality rotors and bearings guarantee high durability and at the same time, the noise level is stable within 65 dB

优质照明 1500
High quality lighting source



做工精细打磨，1500lux优质明亮白光轻松照亮整个口腔。

Fine polished workmanship, high quality bright white light easily illuminates the entire mouth.

有线多功能脚踏

MULTI-FUNCTIONAL FOOT PEDAL

冷却水开关

Cooling water(On/Off)

程序切换P1～P4,以及P5调节扭矩

Switch program P1 to P4, and adjust the torque in P5.

切换马达旋转方向(顺时针/逆时针)

Switch motor rotation direction(FWD/REV)





多功能脚踏板，无级变速，可轻松控制和切换水流、程序、旋转方向，真正实现无菌操作，彻底解放双手。

The multi-functional foot pedal can easily control and switch the water flow,
program, rotation direction and intelligently control the speed.

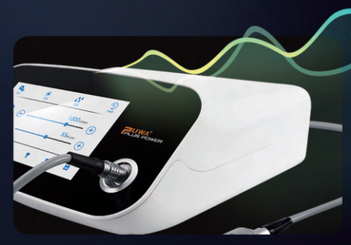
蠕动泵

PERISTALTIC PUMP

典雅时尚外观设计，
5转子步进电机精准控制转动角度。

Elegant and fashionable design,
The 5-rotor stepper motor precisely controls the rotation angle.





操作安装简单，运行安静，提供一致和稳定的流量。

Easily installation，running silently, offering steady water flow.



轻轻一扭即可快速更换软管，紧密闭合无缝隙。

Quickly change hoses with a single twist and close tightly without gaps.

技术参数
TECHNICAL PARAMETER

机型/Model:	AI IMPLANT TOUCH
额定电压/Voltage:	AC 100-230V
容许电压波动/Voltage Fluctuation:	±10
频率/Frequency:	50 Hz
最大功率消耗/Max. Power Consumption:	340VA
额定电压扭矩范围/Rated voltage torque range:	5~70 N.cm
额定电压转速范围/Rated voltage speed range:	100~40,000 rpm
冷却水流量/Cooling Water flow:	10-100 ml/min
操作模式/Operation Mode:	S3(3/10 MIN)



组　件
COMPONENTS



1 控制主机 Control Terminal

2 20:1种植弯机 20:1 Contra angle

3 有线脚踏 Foot Switch

4 带线缆马达 Motor with cable

5 供水瓶支架 Water bottle bracket

6 电源线 Power cord

7 一次性口腔输液管 Disposable Infusion tubing

8 马达托架 Motor Bracket



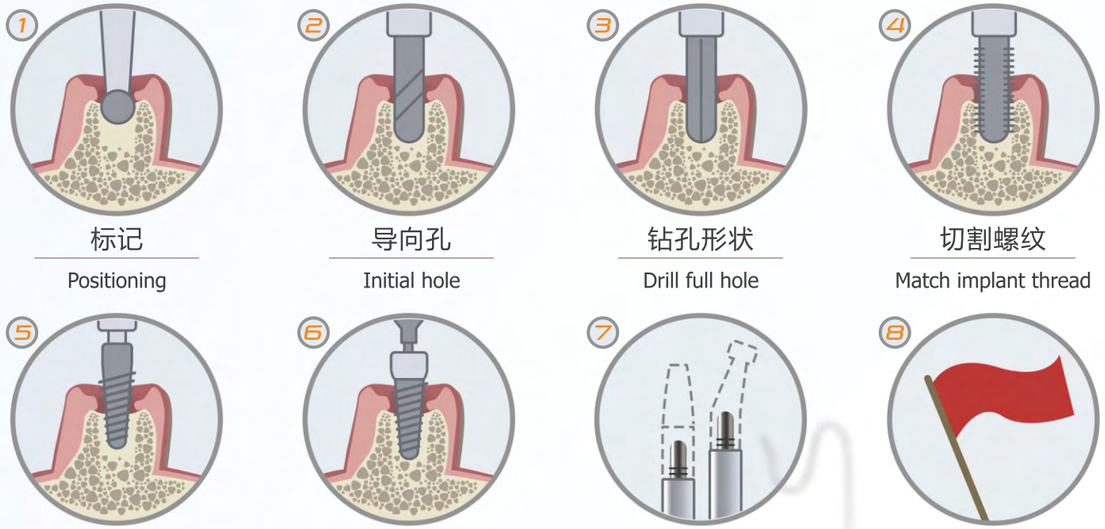
出厂设置
FACTORY SETTINGS

	P1	P2	P3
转速比/Speed Ratio	1:1	20:1	20:1
转速/Rotation Rate(rpm)	35,000	1,200	800
转速范围/Speed Range(rpm)	100~40,000	15~2,000	15~2,000
马达旋转方向/Direction	Forward	Forward	Forward
冷却水/Cooling Water	ON	ON	ON
扭矩/Torque(N.cm)	100%	100%	100%

	P4	P4	P5	P5
转速比/Speed Ratio	20:1	20:1	20:1	20:1
转速/Rotation Rate(rpm)	30	30	30	30
马达旋转方向/Direction	Forward	Reverse	Forward	Reverse
冷却水/Cooling Water	OFF	OFF	OFF	OFF
扭矩/Torque(N.cm)	45	45	45	45
扭矩范围/Torque Range(N.cm)	5~70	5~70	5~70	5~70

临床手术可根据情况调节参数设置，系统具有记忆功能，即使重启控制器，仍保留设置。

In clinical surgery, the parameter settings can be adjusted according to the situation,
and the system has a memory function, even if the controller is restarted, the settings are still retained.



使用指引 USER MANUAL	标记 Positioning	导向孔 Initial hole	钻孔形状 Drill full hole	切割螺纹 Match implant thread	放置种植体 Place implant	放置封闭帽 Setting closure cap
转速/Rotation Rate(rpm)	1,200-1,500	1,000-1,200	800-1,000	15	15	15
扭矩/Torque(N.cm)	100%	100%	100%	50	30	30
冷却水/Cooling Water	80ml/min	80ml/min	80ml/min	OFF	OFF	OFF
转速比/Speed Ratio	20:1	20:1	20:1	20:1	20:1	20:1