

2023

ASU BioMed
Dental Implants

IMPLANT MOTOR

DENTAL IMPLANT UNIT

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Dental Implants



2023

◆ Concentrating on quality, coming from perseverance.
high quality shapes good brand.

◆ CONTROL TEMINAL



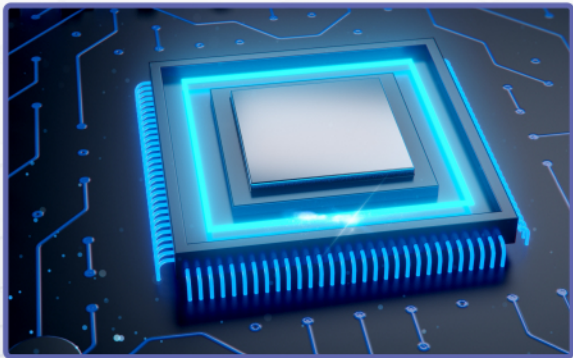
◆ MOTOR & CONTRA ANGLE



◆ BLUETOOTH FOOT PEDAL



AI Artificial Calibration



Real-time torque display



◆ USES 360° VISIBILITY HD NON-REFLECTIVE LCD SCREEN



◆ Using precise torque calibration to ensure treatment safety.



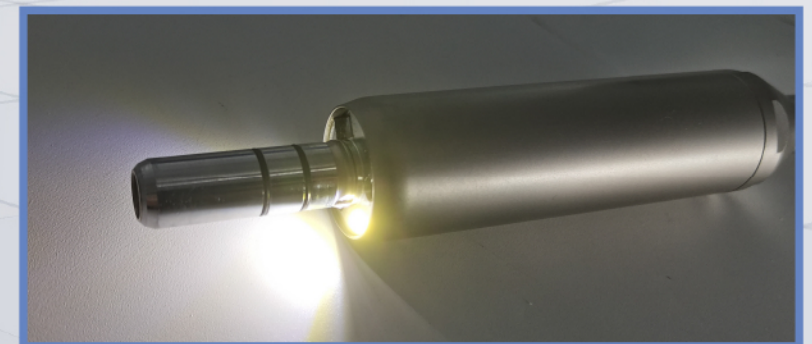
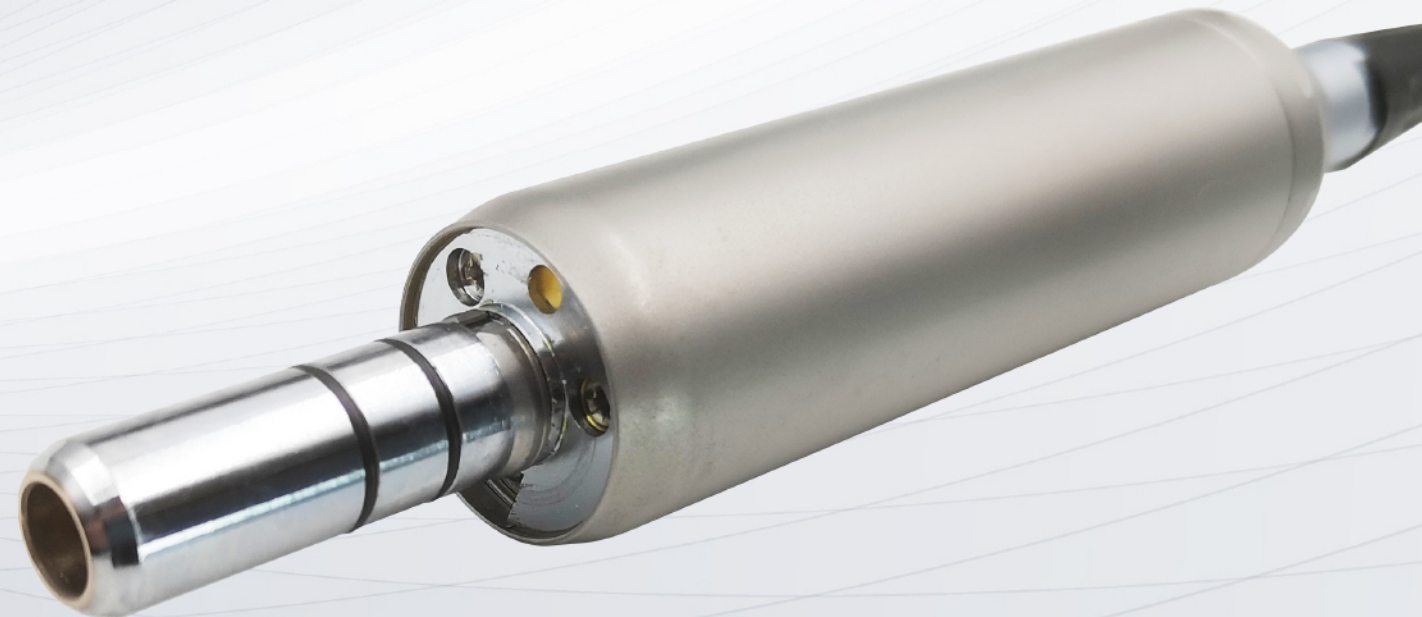
GERMAN BEARING



- ◆ German bearing ensures extremely stable torque output and silent treatment experience.

SWISS MOTOR

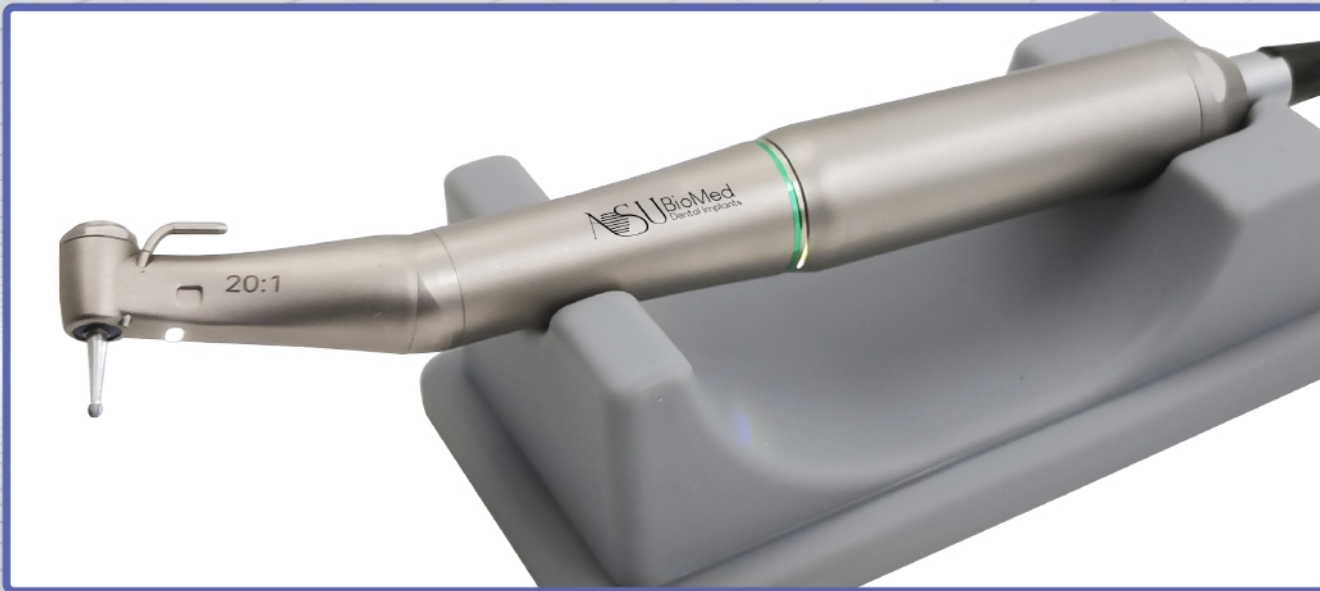
- ◆ Swiss motor offers 300 to 40000 rpm($\pm 10\%$) speed range and 5 to 80 N·cm ($\pm 10\%$) torque, which can be used in all kinds of treatment and make cutting bone more efficient and accurate.



- ◆ LED lighting, operation process visualization

CONTRA ANGLE

GUM RINSER



- ◆ Unique locking structure, easily disassemble, easy to sanitize the interior.
- ◆ German bearing, radial runout $\leq 0.02\text{mm}$, can with stand 80N·cm large torque output.



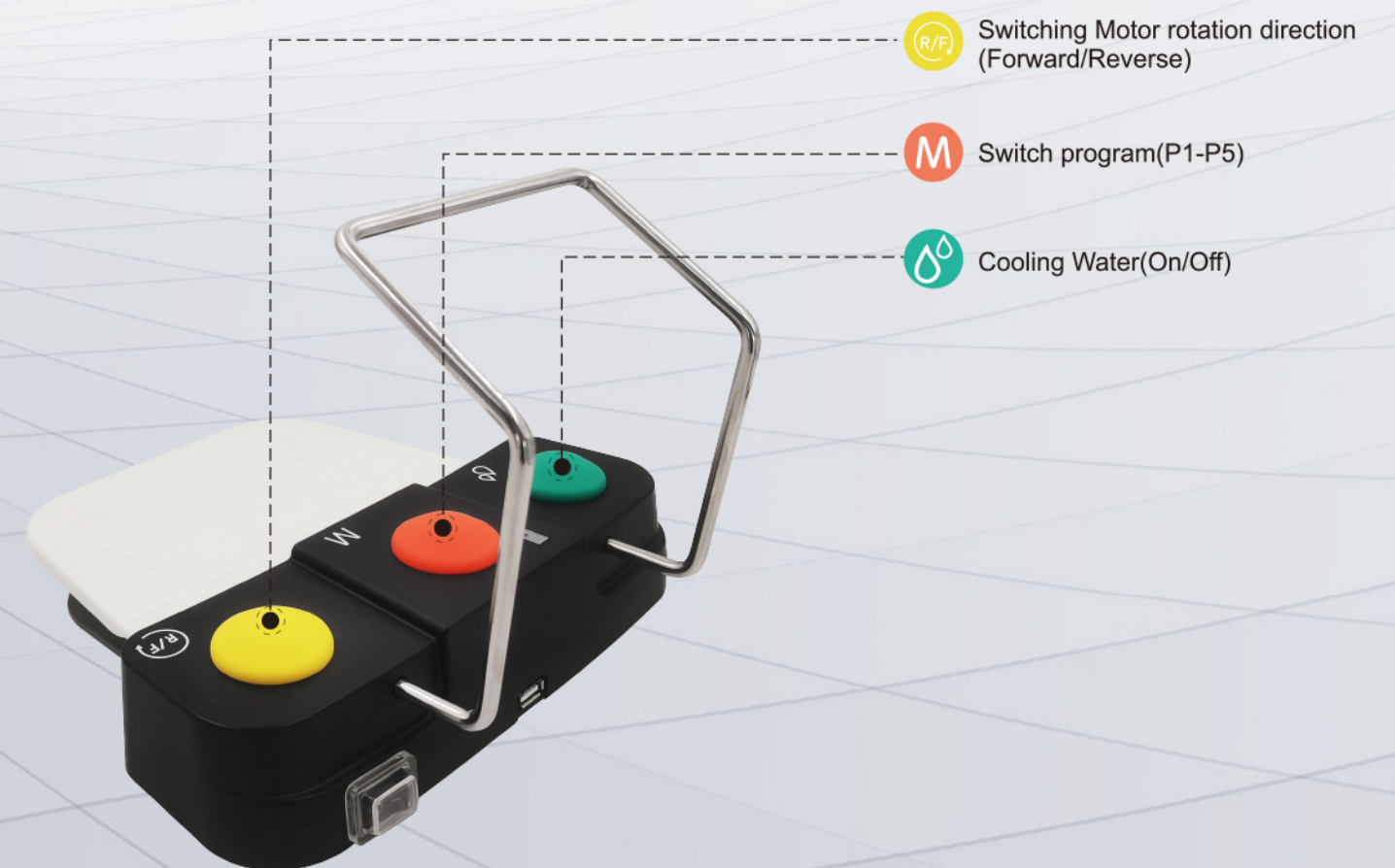
- ◆ Running silently, offering steady water flow.
- ◆ Easily operate and setting, compact and seamless closure, elegant exterior design.

BLUETOOTH FOOT PEDAL



- ◆ Water flow control, program switching, rotation direction switching, and rpm control. These functions can be completed by the multi-function foot pedal, the aseptic operation is truly realized, and the hands are completely freed.
- ◆ Wireless foot pedal, the doctor no longer has to worry about misuse of the messy cables under his feet.

◆ Signals received within 10 meters



TECHNICAL
PARAMETER

COMPONENTS

Voltage:	AC 220V	Voltage Fluctuation:	±10
Frequency:	50 Hz	Max. Power Consumption:	340VA
Rated Voltage Torque Range:	0~70N.cm	Rated Voltage Speed Range:	300~40,000 rpm
Cooling Water Flow:	60/70/80 ml/min	Operation Mode:	S3(3/10 min)
Dimension (mm)(W×D×H):	310×330×120	Weight(Including Motor)(kg):	4.8



Control Terminal



Bluetooth Wireless Foot Pedal



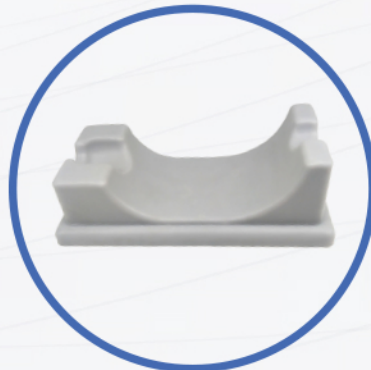
Foot Pedal Power Adapter



Power Cord



Motor with Cable
(LED light optional)



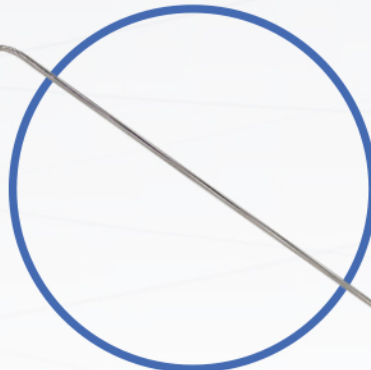
Motor Bracket



20:1 Contra-angle
(Fiber Optic)



Disposable Gum Rinser



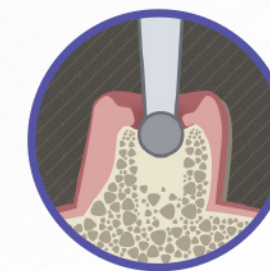
Water Bottle Bracket

FACTORY SETTINGS

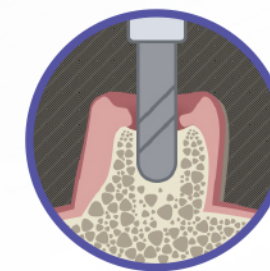
In clinical surgery, the parameter settings can be adjusted according to the situation, and the system has a memory function, even if the controller is restarted, the settings are still retained.

	P1	P2	P3
Speed Ratio	1:1	20:1	20:1
Rotation Rate(rpm)	35,000	1,200	800
Speed Range(rpm)	300~40,000	15~2,000	15~2,000
Direction	Forward	Forward	Forward
Cooling Water	ON	ON	ON
Torque(N.cm)	100%	100%	100%

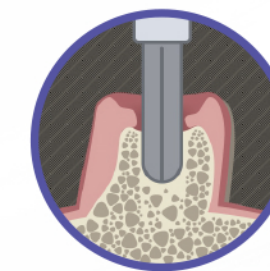
	P4	P4	P5	P5
Speed Ratio	20:1	20:1	20:1	20:1
Rotation Rate(rpm)	30	30	30	30
Direction	Forward	Reverse	Forward	Reverse
Cooling Water	OFF	OFF	OFF	OFF
Torque(N.cm)	45	45	45	45
Torque Range(N.cm)	5~80	5~80	5~80	5~80



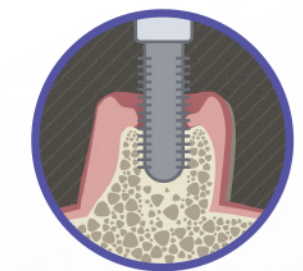
Positioning



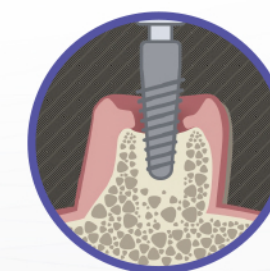
Initial hole



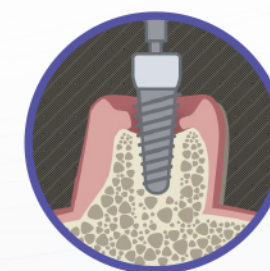
Drill full hole



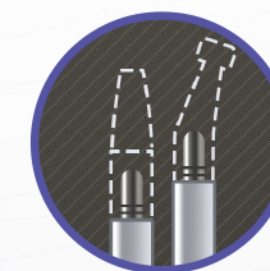
Match implant thread



Place implant



Setting closure cap



Free style



Therapy finish

USER MANUAL	Positioning	Initial hole	Drill full hole	Match implant thread	Place implant	Setting closure cap
Rotation Rate(rpm)	1,200-1,500	1,000-1,200	800-1,000	15	15	15
Torque(N.cm)	100%	100%	100%	50	30	30
Cooling Water	80ml/min	80ml/min	80ml/min	OFF	OFF	OFF
Speed Ratio	20:1	20:1	20:1	20:1	20:1	20:1