



Dental Implant Unit

Implant Air

Precise Reliable Simple





QUALITY UPMOST EXPERIENCE ULTIMATE

Dental implantology is a highly demanding subject.

The smart dental implant unit Implant Air has been fully upgraded in hardware and software to improve the accuracy of implant surgery as well as make the operation more efficient and concise, offering a great experience to both patients and doctors.

Auto torque calibration before each startup

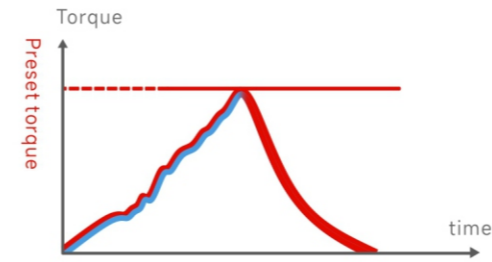
Calibrating ···

AUTOMATIC CALIBRATION CONVENIENT AND ACCURATE

Implant Air features torque startup automatic calibration (TSAC), which ensures that the device calibrates itself for accuracy every time it is turned on, eliminating additional manual operation. Used with Swiss motor, it delivers more precise and easier output.

CONTINUOUS TORQUE OUTPUT PRECISE AND RELIABLE

The torque is displayed in real time. Plus, once the output torque reaches the preset value during implantation, the torque output will continue with a preset value, ensuring that the implant placement torque reaches the preset target with higher accuracy.



Torque output maintained

Torque output unmaintained

When the torque reaches the preset value, it will continue to output without automatic stop, avoiding insufficient torque output.



Speed range
300 - 42000rpm



Torque range
(20:1)5N·cm- 80N·cm



Max water volume
135ml/min



Motor size
φ23.4mmxL91mm

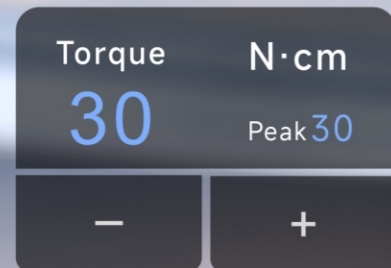


Motor weight
140g



PEAK VALUE DISPLAY VISUAL AND EASY

In the implantation procedure, the user interface is set with peak value for real-time recording of peak output torque of each operation, which is convenient for doctors to judge the highest torque of the current operation, confirm the implant initial stability, and reduce redundant steps.

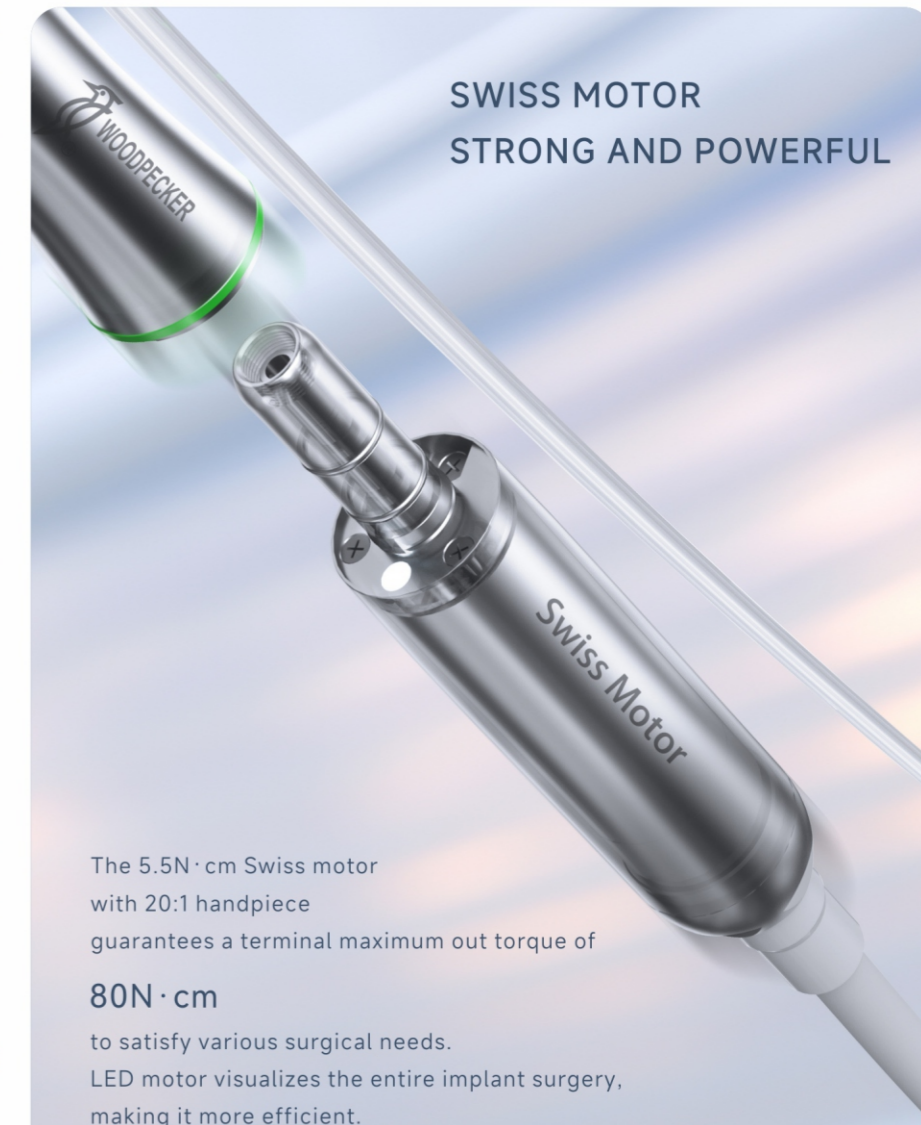


GERMAN BEARING STABLE AND DURABLE



The high-precision contra-angle exhibits a runout range of $< 20\mu\text{m}$ which can ensure stable output regardless of complex situations such as high speed or low speed. German-imported bearing contributes to the stable operation and longer life of contra-angle.

SWISS MOTOR STRONG AND POWERFUL

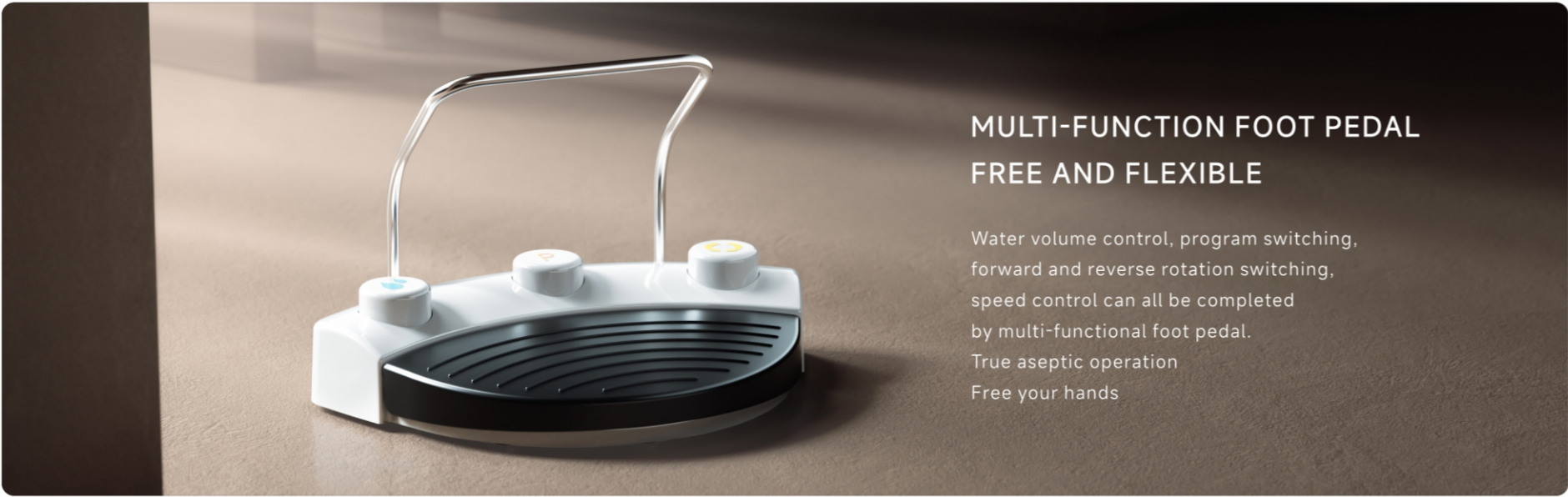


The 5.5N·cm Swiss motor with 20:1 handpiece guarantees a terminal maximum out torque of **80N·cm** to satisfy various surgical needs. LED motor visualizes the entire implant surgery, making it more efficient.



ULTRA-QUIET PERISTALTIC PUMP HANDY TO USE

Waterproof design pump head effectively prevents the occurrence of circuit board burnout
Ultra-quiet peristaltic pump water supply system, easy to connect
Adaptable to disposable oral water pipe to prevent cross-infection



MULTI-FUNCTION FOOT PEDAL FREE AND FLEXIBLE

Water volume control, program switching, forward and reverse rotation switching, speed control can all be completed by multi-functional foot pedal.
True aseptic operation
Free your hands

COMPACT DESIGN SIMPLIFIED INTERFACE

Vertical body, compact design, more space-saving
5-inch LCD color touch screen, preset 5 major programs, automatic saving of parameters after each operation
More simplified operation, bringing a convenient and comfortable user experience

Length Width Height
155mm 167mm 227mm

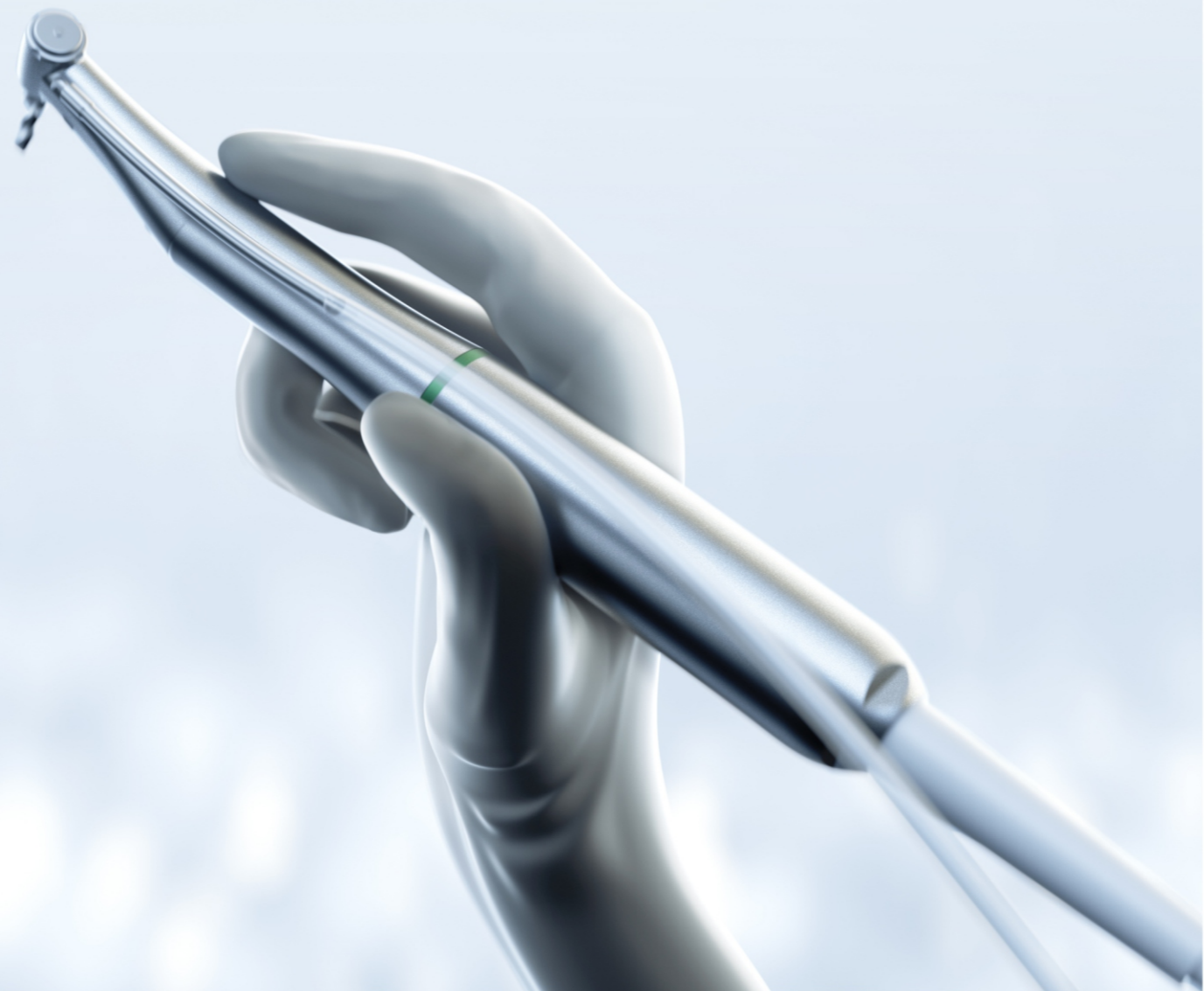


COMFORTABLE HOLDING FATIGUE-FREE

Ergonomically-designed contra-angle to prevent fatigue during work
Reasonable weight match with the motor to ensure a balanced grip

FULL-FEATURED

Compatible with all E-type interface contra-angle handpieces
and a variety of speed ratio contra-angles, to fit different surgical needs
16:1 20:1 27:1 1:1 1:2 1:2.7 1:3 1:4.2 1:5



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