



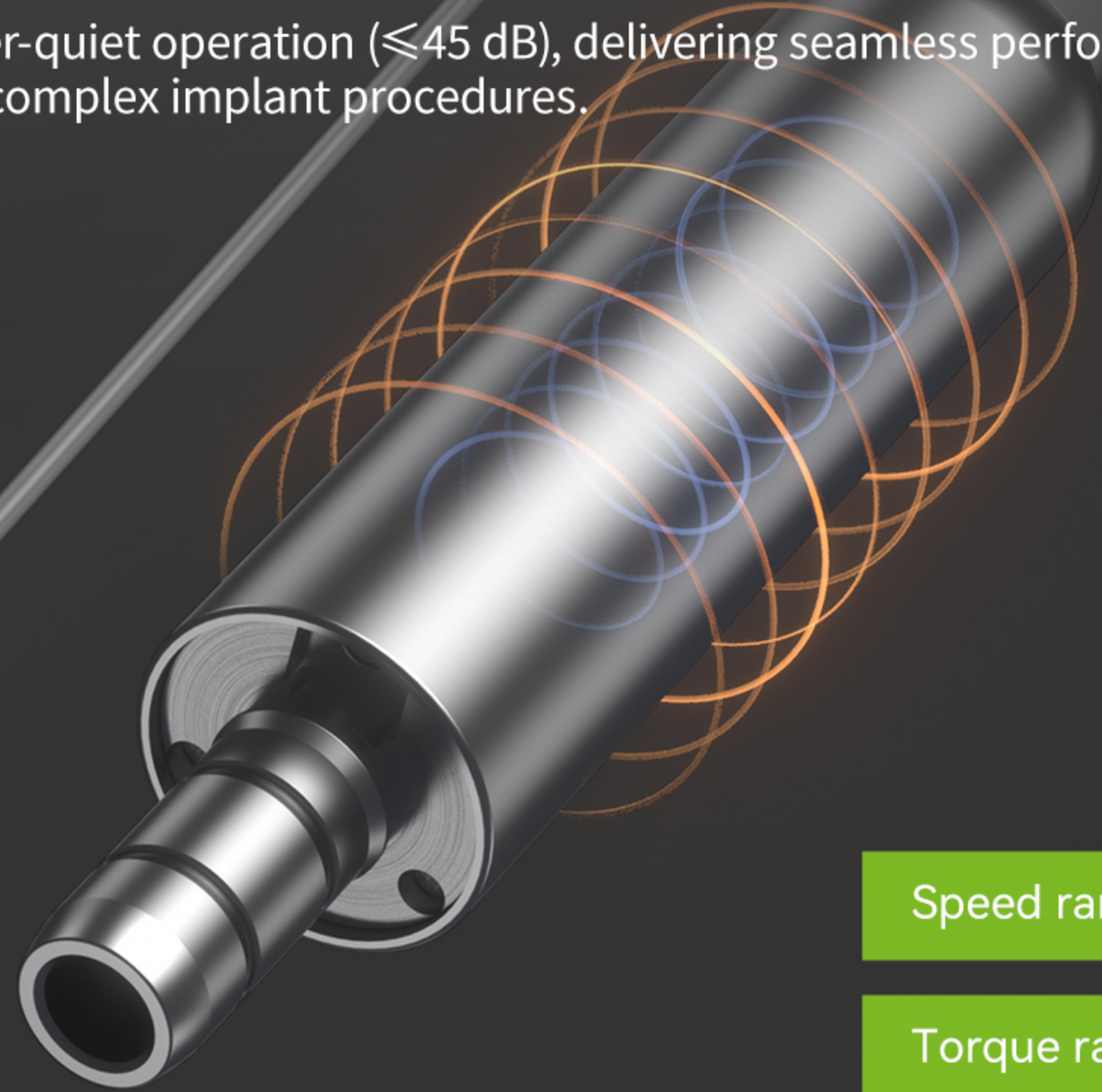
DZ-100

IMPLANT MOTOR



SWISS HIGH-PERFORMANCE BRUSHLESS MOTOR

Combines robust power with whisper-quiet operation (≤ 45 dB), delivering seamless performance for complex implant procedures.



Speed range

100–40,000 rpm

Torque range

5–80 N·cm

Motor noise

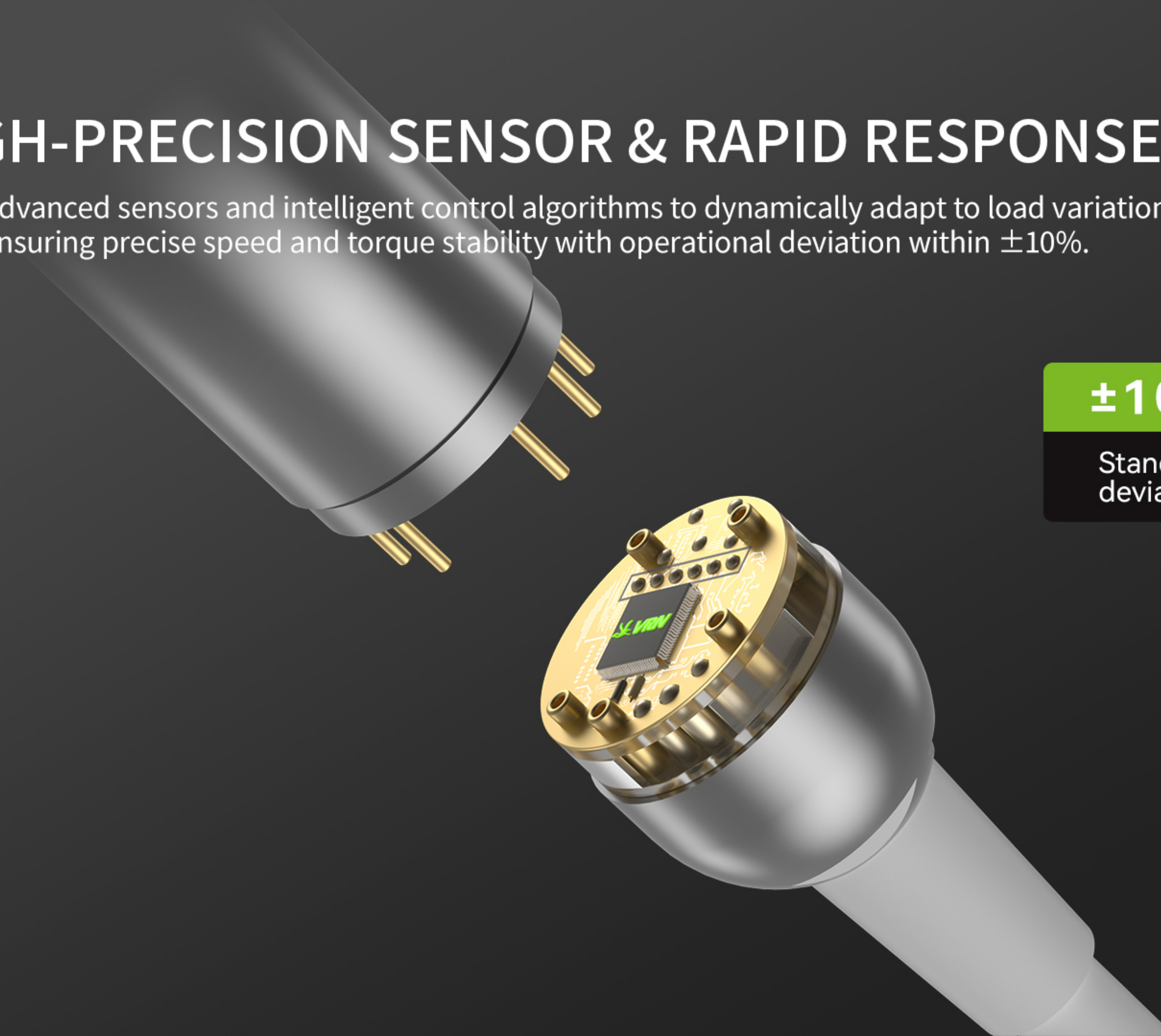
≤ 45 dB

HIGH-PRECISION SENSOR & RAPID RESPONSE

Utilizes advanced sensors and intelligent control algorithms to dynamically adapt to load variations, ensuring precise speed and torque stability with operational deviation within $\pm 10\%$.

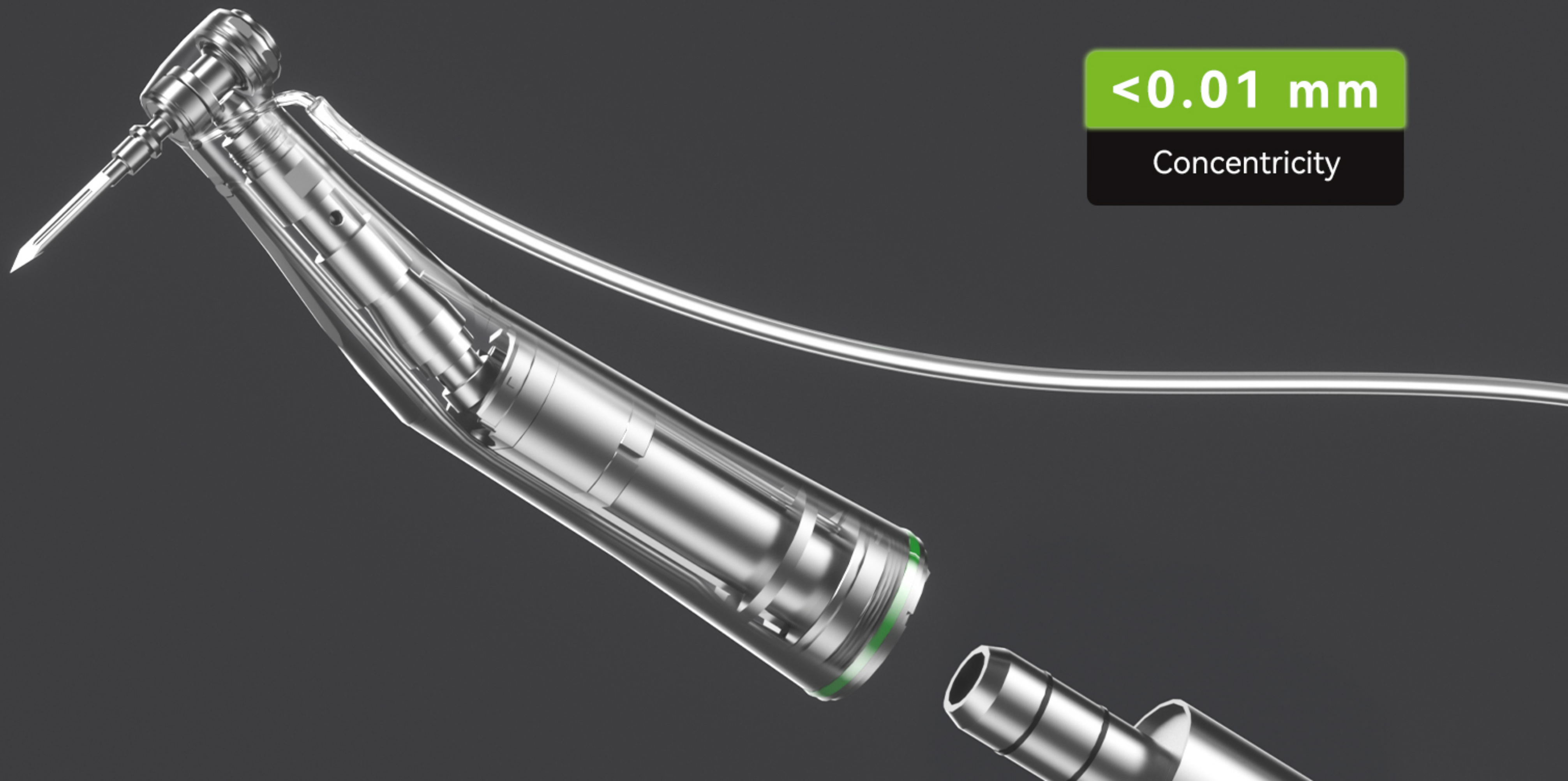
$\pm 10\%$

Standard
deviation



GERMAN-IMPORTED BEARING FIBER-OPTIC HANDPIECE

20:1 implant handpiece with German bearings guaranteeing concentricity <0.01 mm, paired with bright fiber-optic illumination for enhanced surgical visibility.

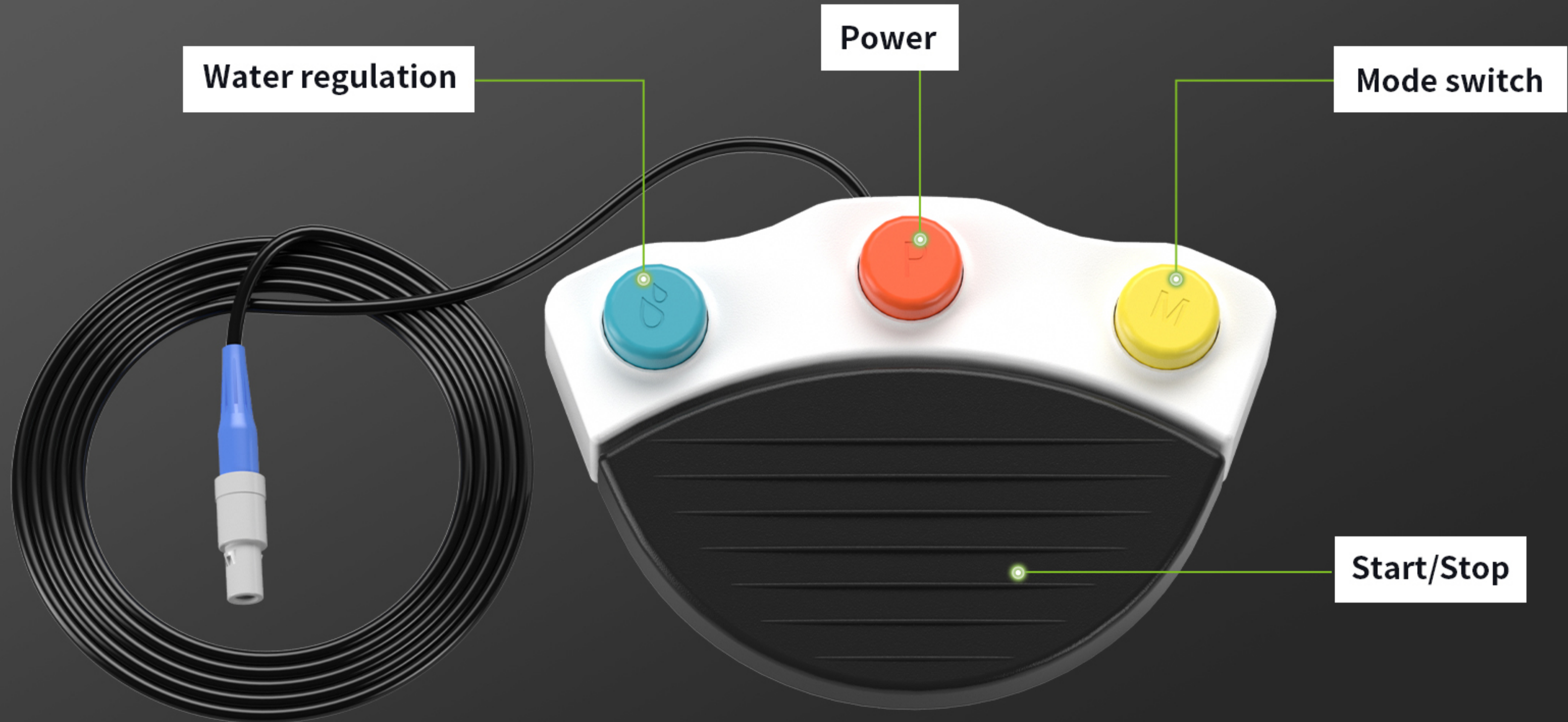


<0.01 mm

Concentricity

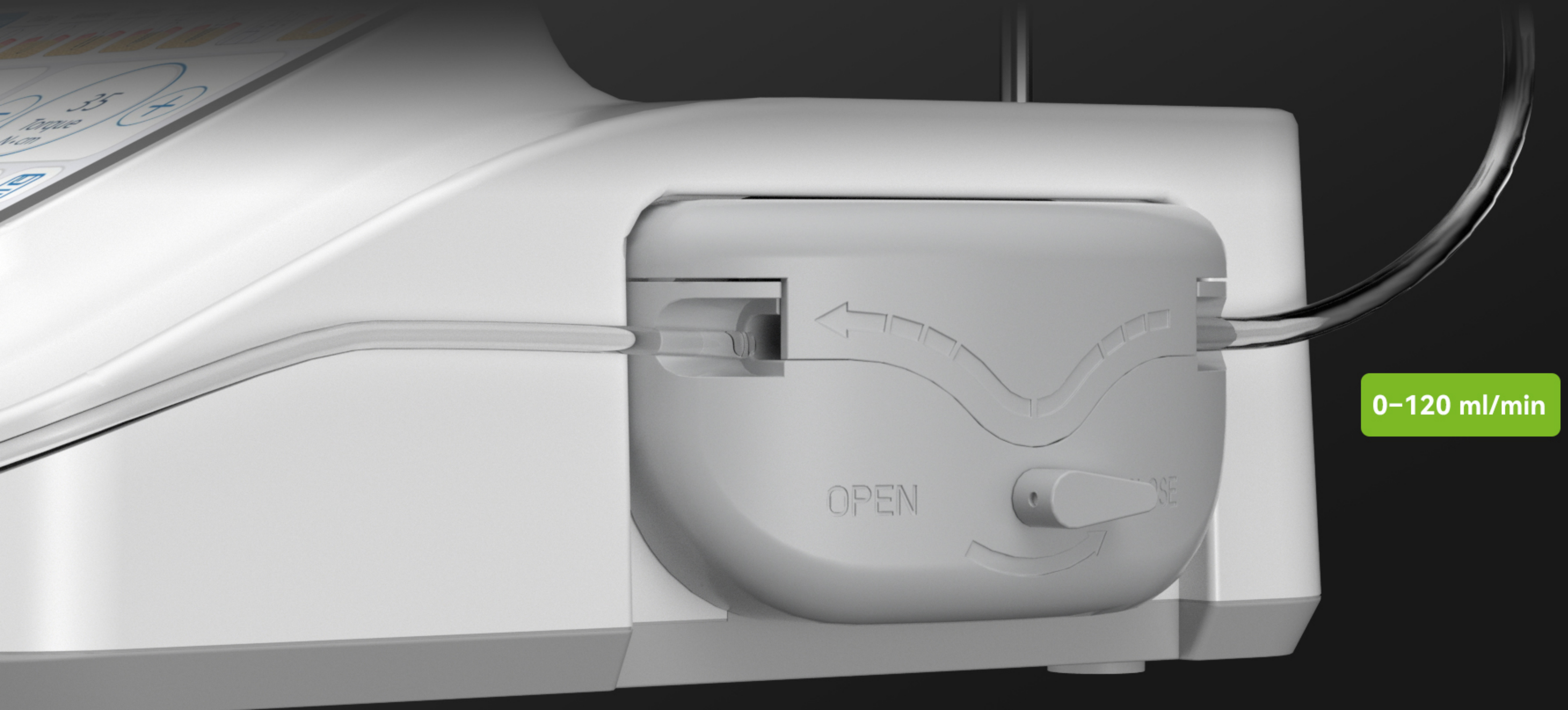
MULTIFUNCTIONAL STEPLESS SPEED CONTROL FOOT PEDAL

Enables effortless adjustment of water flow, program selection, forward/reverse rotation, and one-touch irrigation for streamlined aseptic operations.



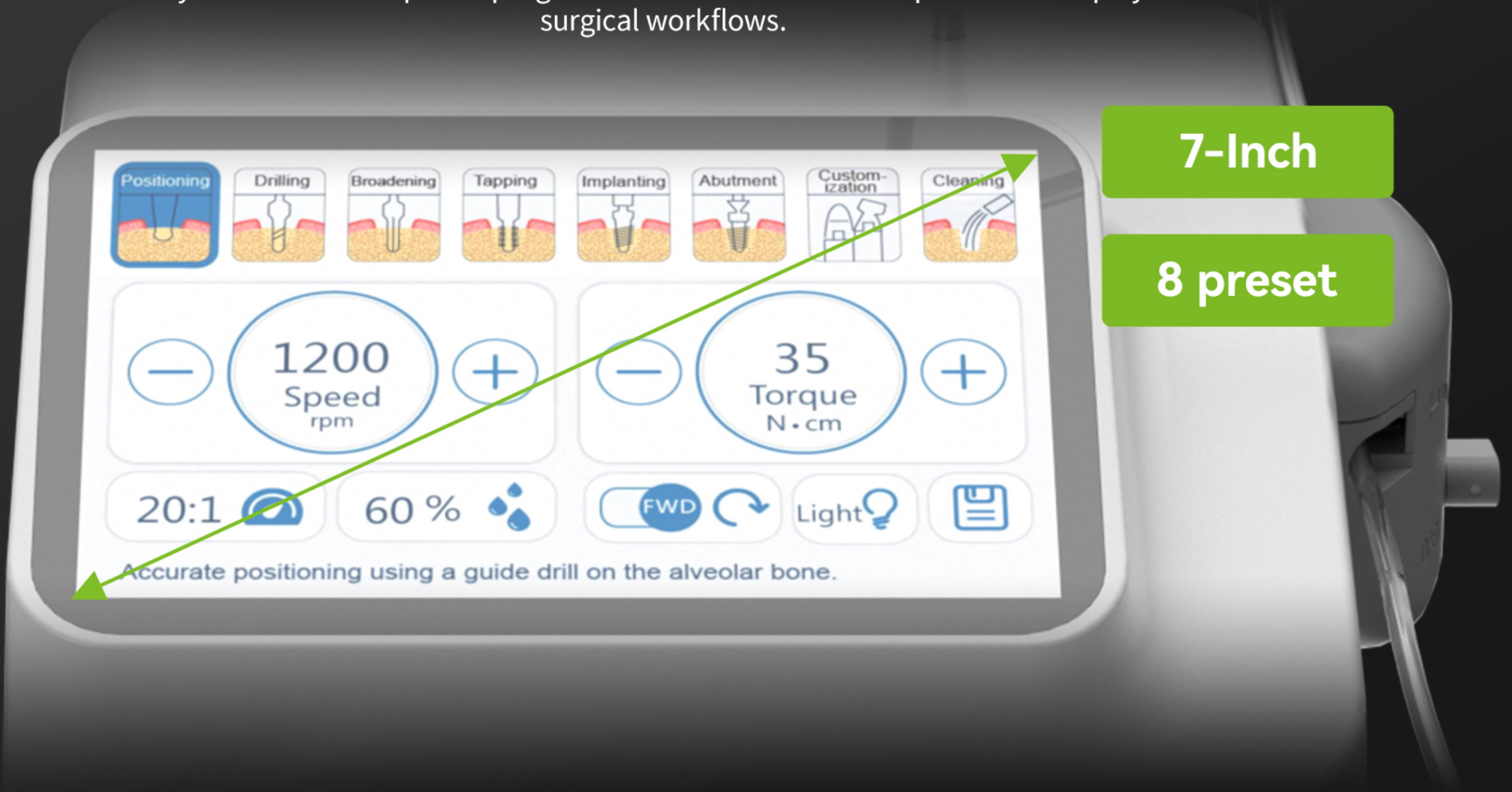
5-ROTOR SILENT PERISTALTIC PUMP

5-Rotor Silent Peristaltic Pump: Stepper motor-driven pump with precise water flow control (0–120 ml/min), providing stable cooling and irrigation during surgery.



7-INCH HD TOUCHSCREEN

User-friendly interface with 8 preset program functions and real-time parameter display for efficient surgical workflows.



MULTI-COMPATIBLE HANDPIECE SYSTEM

Ensuring versatile applications.



1:5, 1:4.2

Compatible with
Surgical handpieces

16:1, 32:1, 64:1

Handpieces with
different speed ratios