

Dental Implant Unit

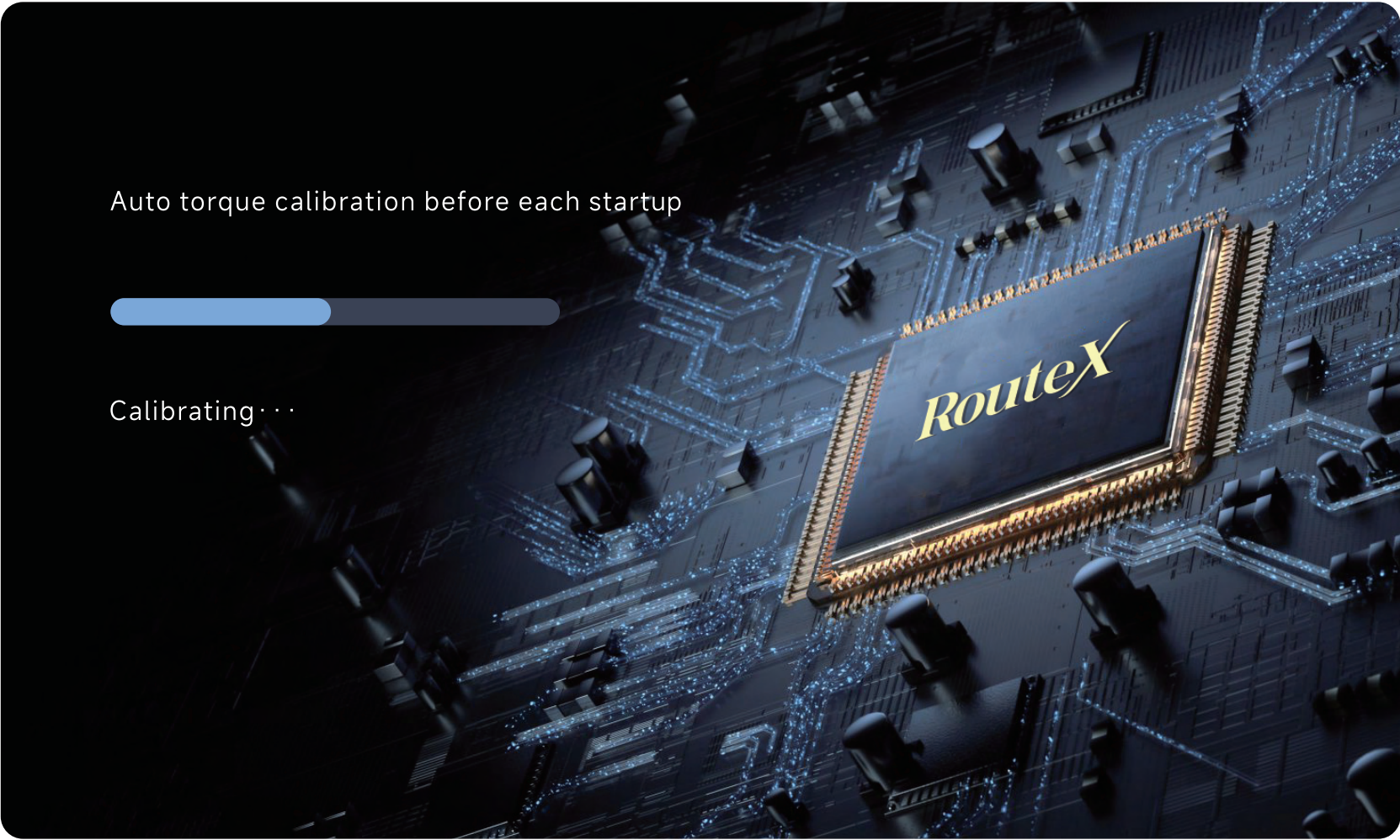
RouteX

Precise

Reliable

Simple





Auto torque calibration before each startup



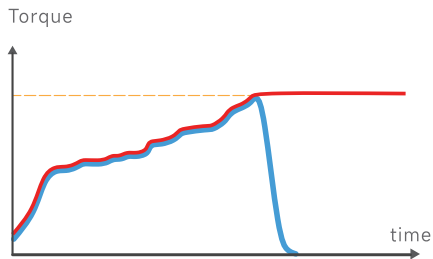
Calibrating...

AUTOMATIC CALIBRATION CONVENIENT AND ACCURATE

RouteX 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 the 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



COMPACT DESIGN, SIMPLIFIED INTERFACE

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

Length

155mm

Width

167mm

Height

227mm

Torque

35

N·cm

Peak 35

—

+

PEAK VALUE DISPLAY VISUAL AND EASY

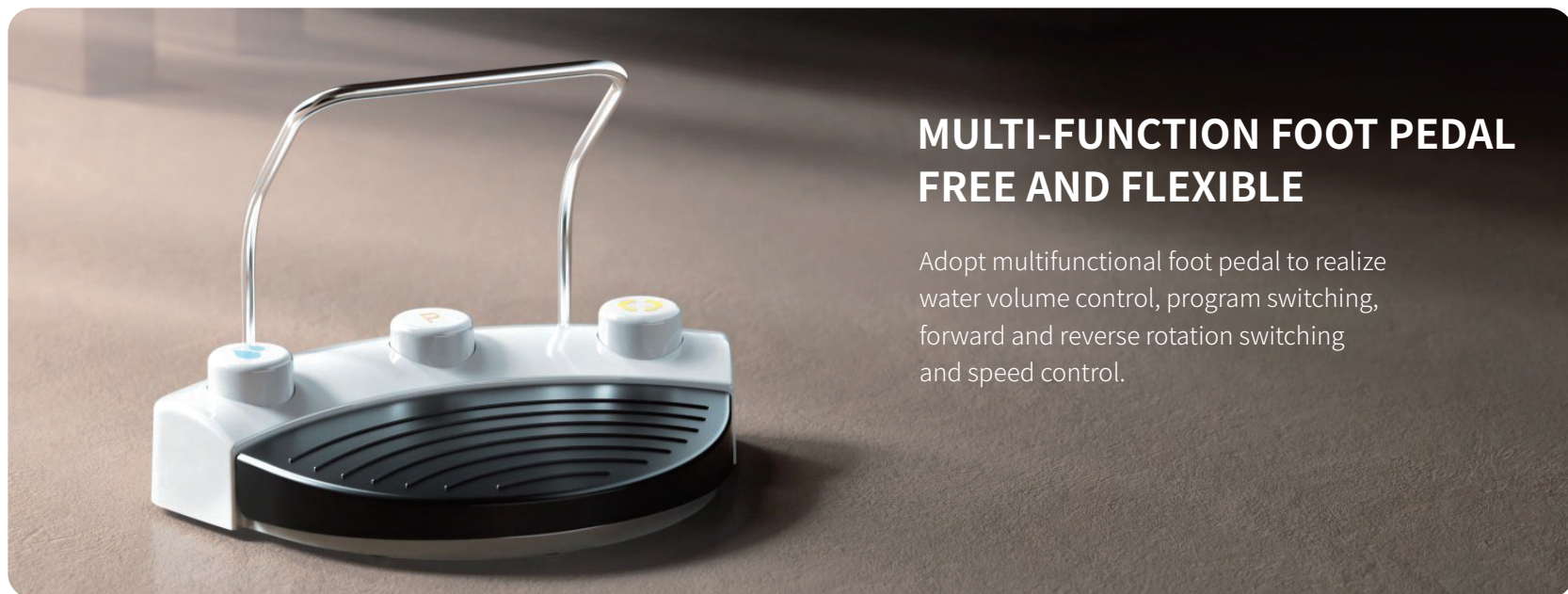
In the implantation procedure,
the user interface enables real-time
display of peak output torque of each operation,
which is convenient for doctors to judge the
highest torque of the current operation, confirm the
implant initial stability, and reduce redundant steps.





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

Adopt multifunctional foot pedal to realize water volume control, program switching, forward and reverse rotation switching and speed control.

ACTIVE COOLING SYSTEM

The built-in air circulator enables effective temperature rise lowering during operation ensuring consistent working efficiency.

Extend the main unit service life and guarantee the output accuracy.

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 handpieces and multiple speed ratios, to fit different surgical needs

16:1 20:1 27:1 1:11:2 1:2.7 1:3 1:4.2 1:5




GERMAN BEARING STABLE AND DURABLE



The high-precision contra-angle exhibits a runout range of **<20 μm** 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 STRING 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.

UTMOST QUALITY
ULTIMATE EXPERIENCE



HUB Biotech.Co.,Ltd

[08506] 13F, 108, Gasan, digital 2-ro,
Geumcheon-gu, Seoul, Republic of Korea

hub.sales@hub-biotech.com

RX_2404_Eng_rev.00