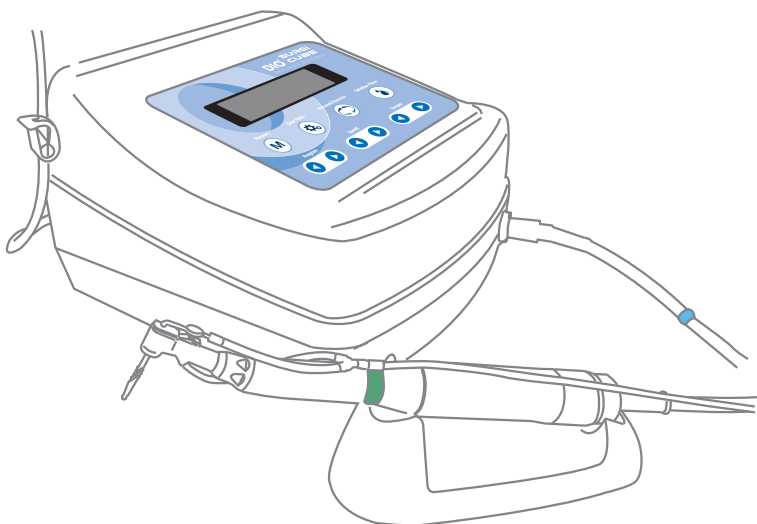


# DIO SURGI CUBE IMPLANT ENGINE



- Surgical BLDC motor first made in Korea with high technology and know-how
- Reduction geared contra angle with internal and external irrigation
- Compact designed control box with various functions
- Ergonomic foot control pedal



**BLDC motor(0~50,000RPM)and Angle(Standard equipment 20:1) provides the optimised torque in surgery.**

- RPM: 30rpm~2,500rpm( 20:1 is recommended for the optimum use)
- Torque : 20:1 (5.0~55Ncm) / 32:1 (5.0 ~65Ncm)
- Gear ratio : 1:1, 20:1, 27:1, 32:1

**Program memory function**

- 10 programmable memories for setting Speed, Torque, Rotating Direction, Irrigation Pump



**Automatic overload protection function**

- If the load on the Bur is higher than set Torque, the motor is stopped automatically after 2 seconds.
- For releasing the overload function, push foot control pedal.

**Actual RPM and Torque is indicated when motor is running, which makes user verify proper working condition during operation.**

**Ergonomic foot control pedal**

- The foot control pedal is designed ergonomically to control all the functions and it provides high convenience.



**Membrane touch display**

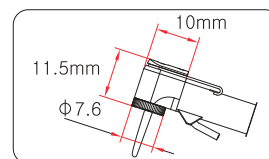
**Self-diagnosis function**

## IMPLANT HANDPIECE



ACL(B)-41I

- Push button chuck
- Internal and external irrigation system
- Provides sufficient force at low speed (Max torque 55Ncm) : 20:1
- Ergonomic comfort grip
- ACL(B)-41 I16:1/20:1/32:1/64:1 gear ratio
- Available for various E-type motors in accordance with ISO standard.
- reasonable price and excellent performance
- 134° autoclavable



SMALL HEAD SIZE

PRODUCT COMPONENTS



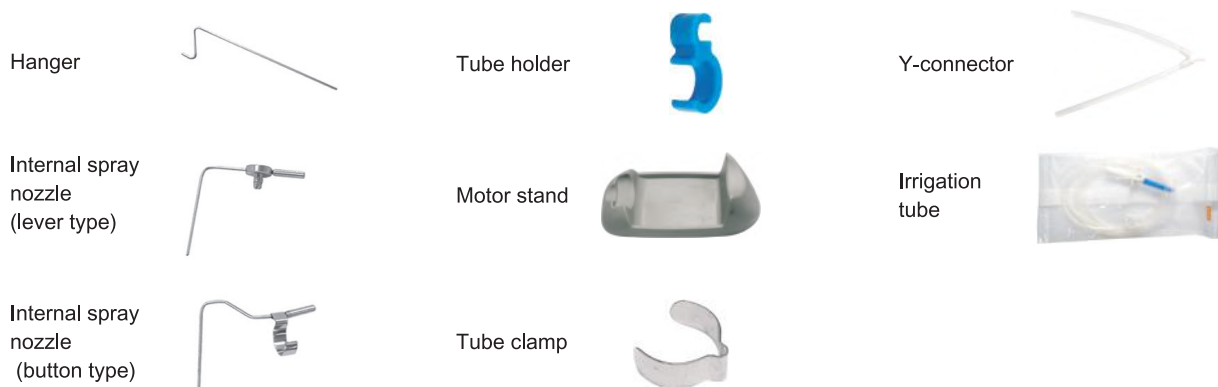
▶ PRODUCT COMPONENTS



▶ Control box

Input	AC100-110V / 220-240V
Frequency	50/60Hz
Output	MAX : 120W
Pump volume	MAX.75mL/min
Dimensions	W205 X D210 X H136
Weight	3.3kg

▶ Accessories





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