

DIO IMPLANT
www.dioimplant.com

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

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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)
- Gear ratio : 1:5, 1:4, 1:1, 16:1, 20:11, 27:1, 32:1, 64:1

Program memory function

- 9 Programable memories for setting the gear ratio, speed, torque, operation 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 funtion, 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 funtions and it provides high convenience.



Motor auto-calibration function

- All motor and controller have different characteristic and when it comes in set, it needs to fit each other in order to provide the best using environment. From this function, the product operates the most exact result from your instruction in mode which is necessary for the successful surgery.



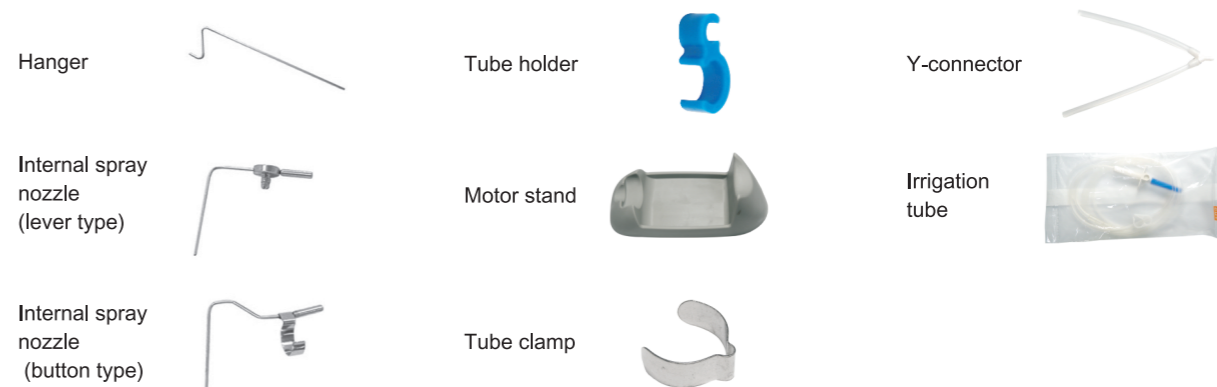
▶ PRODUCT COMPONENTS



▶ Control box

Speed	30~2,500 RPM
Output	230W
Fuse	5A/2A
Max Torque	55 Ncm
Maximum Pump	MAX. 75ml/min
Frequency	50. 60Hz
Dimensions	W205xD210xH136
Weight	3.3kg

▶ Accessories



IMPLANT HANDPIECE



ACL(B)-411

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

