



ELEC engine™

IMPLANT SURGICAL ENGINE

The ELEC ENGINE is a compact, stylish and equipped with powerful optic motor, real time speed and torque performance exhibited on LCD.



Max 80N.cm
(32:1 gear handpiece)



Torque limit function

The beep sounds when load torque above torque value set by a user operates longer than 3 seconds and the operation stops to ensure patient's safety.



Auto calibration function

Calibration function operates by simultaneously pressing ▲/▼ button for 2~3 seconds.
Perform the Calibration function when the motor is initially used and operate this function under no load status.



Powerful optic motor

It shows LED functioning within motor during the motor operation.





Real-time torque and RPM display

The compact control unit shows real time rpm and torque through digital panel. It helps users to perform a surgery more precisely.



Program modes

Program button enables users to select 6 modes in turns Drilling, Tapping, Remove Tap, Implant, Remove, Lock Screw. Users can select them for each purpose.



Memory function

Users can save 9 personal settings using memory button, which makes it possible to load the different settings immediately in terms of program mode, rpm, torque, coolant, speed, gear ratio, turn direction.





Sterilizable and Reusable Irrigation tube

Multi-use tubing that can be reused for at least 30 times (with rust-proof cutting edge material)



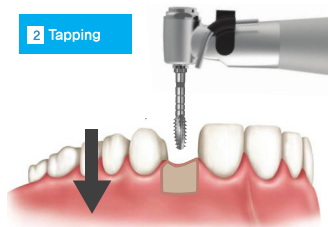
Thread Cutting Function

Thread cutting is available in Tapping mode among 6 basic programs.



Thread Cutting?

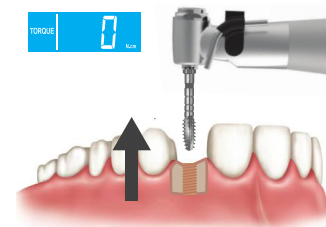
The thread cutter function supports the surgery when makes tap for implants in to dense (D1) bone.



SELECT TAPPING & SET TORQUE



WHEN REACH PRESET TORQUE



IT AUTOMATICALLY REVERSES



specification



MOTOR (ISM -B70L)

Model	ISM-B70L
Max.Speed	40,000 RPM
Max.Torque	80 N.cm (32:1)
Internal Resistance	730mΩ
Internal Inductance	100uH
Dimension	24mm(W) x 100mm(W)
Weight	156g
Optic	Yes

CONTROLLER (ISE-270M)

Model	ISE-270M
Power Supply voltage	AC110 ~ 240V
Frequency	50/60Hz
Power Consumption	150VA
Max. Coolant flow rate	110ml/min
Fuse	2 x 250V - T2.0AH
Dimension	285mm(W) x 250mm(W) x 120mm(H)

FOOT PEDAL (FC-V2)

Model	FC-V2
Speed control	Variable
Foot control Function	Program / Coolant / Rotation Direction

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IMPLANT ANGLE SERIES

SG200L(OPTIC) / SG200(NON-OPTIC)



Powerful torque up to 70 N.cm

Reliable power under any operation conditions.



LED brightness up to 25,000 LUX

Excellent light effect can minimize shady spots.



Easy to assemble and disassemble the device

Easy to disassemble and assemble with one touch, handpiece is easy to clean and manage and extend the life of the product



Anti-scratch

Functional design and anti-scratch surface treatment.





specification



Model	SG200L
Ratio	20:1
Max.Speed	2,000rpm
Max.Torque	70 N.cm
Size	20mm(D) x 95mm(L)
Weight	73g
Material	Stainless steel
Irrigation	External
Coolant volume	≥50ml/min
Optic	Fiber optic
Warranty	2 Years
Bur	CA bur(Ø2.35)
Chuck type	Push button
Coupling	ISO3963 Type 4
Rotary Instrument	IOS1797 Type 1



Model	SG200
Ratio	20:1
Max.Speed	2,000rpm
Max.Torque	70 N.cm
Size	20mm(D) x 95mm(L)
Weight	73g
Material	Stainless steel
Irrigation	External
Coolant volume	≥50ml/min
Optic	No
Warranty	2 Years
Bur	CA bur(Ø2.35)
Chuck type	Push button
Coupling	ISO3963 Type 4
Rotary Instrument	IOS1797 Type 1

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The EU directive 93/42/EEC was applied in the design and production of this medical device.

Designed by **MICRO NX**



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Official Website



Official Youtube Chanel