stomdevice

NEW

Impla-NX LED

IMPLANT SURGICAL ENGINE

The Impla-NX is a compact, stylish and equipped with powerful optic motor. real time speed and torque pertotmance exhibited on LCD.



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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.



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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.



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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

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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.



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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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NEW Impla-NX LED

CE 1639

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

Designed by MICRO NX

MICRO-NX Co., Ltd.
22, Maeyeo-ro 1-gil, 41059 Republic of Korea
Tel: 82 53 650 1000 Fax: 82 53 650 1001

EC REP

MICRO-NX Co., Ltd. branch office
Karl-Marx-Str. 6 16540 Hohen Neuendorf Germany
Tel: 49 (0)3303 5412323 Fax; 49 (0)3303 5412324

Official Website

Official Yutube Chanel

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