



Global
Dental Company
MicroNX

MicroNX

Head Office & A/S

1st Floor Gyeongbuk High Tech Village, 83 Gongdan-Ro 1Gil,
Waegwan-Eup Chilgok-Gun Gyeongbuk Republic of Korea(39909)

Tel : +82-54-976-0011 Fax : +82-54-976-0014

Factory

37 Dalseong2chadong 3-ro Guji-myeon Dalseong-gun Daegu
Republic of Korea(43013)

Tel : +82-53-611-6000 Fax : +82-53-611-0074

Contact

Web : www.micronx.co.kr

E-mail : micronx@micronx.co.kr

Ver. 2016-02

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 performance exhibited on LCD.



MicroNX

www.micronx.co.kr



Characteristics of Product

Calibration

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.

Max 80N.cm by 32:1 gear handpiece

Program function

Program button allows a user to select function in turn based on implant surgery procedure and controls gear ratio, torque, rotation speed, direction of rotation and water injection rate of the selected program.

Memory function

Memory numbered 1~9 is selected upon pressing the Memory button and the set value of each function can be saved on loaded memory number by pressing the System button. Saved memory is maintained until the set value is altered and saved again and it can be loaded by pressing the Memory button.

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.



Powerful optic motor

It shows LED functioning within motor during the motor operation.



Real-time torque and RPM display during operation

Actual load torque during implant surgery is displayed by and the actual rotation speed is indicated on implant engine controller, which facilitates more accurate surgery for a user.

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 performance exhibited on LCD.



NEW Impla-NX LED

Impla-NX to meet the highest requirements

Product Performance

Implant engine

Model	ISE-170
Power Supply voltage	AC 110 ~240V
Frequency	50/60HZ
Power Consumption	100 VA
Max. Coolant flow rate	100 ml/min
Fuse	2 × 250V – T1.25AH
Dimension	250 mm(W) × 250 mm(L) × 110 mm(H) [Width × Length × Height]

Implant engine motor

Model	ISM-B70L
Max. Speed	40,000 rpm
Max. Torque	N-cm
Internal Resistance(Phase to Phase)	730[mΩ]
Internal Inductance(phase to Phase)	110 [uH]
Dimension	24mm(D) × 100mm(L) [Diameter× Length]
Weight	80g
Optic	Yes

Foot control

Model	FC-V1
Speed control	Variable
Foot Control Functions	Program control, Coolant control, Forward/Reverse,

