

# 32,000 LUX\* of Natural Daylight Quality

Assuring clearer vision and reducing fatigue during prolonged procedures



LEDs generate natural daylight quality light which assures clearer vision when compared to halogen light.

## Durable

LED light sources are longer lasting and more durable than halogen bulbs.



High visibility of finishing lines and approximal surfaces with NSK LED illumination allows easier tooth preparation.

\*Figures by NSK Laboratory



## NLX nano Complete Set

: NLX nano S120 (120V)

ORDER CODE: Y1001361

: NLX nano S230 (230V)

ORDER CODE: Y1001362

#### [Contents]

NLX nano U(Control Unit), NLX nano (Motor), NLX CD (Cord), NLAC (AC Adaptor) 120V or 230V

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Specifications are subject to change without notice.

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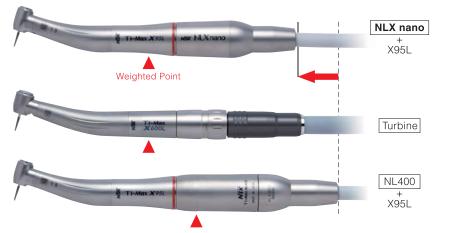


# NLXnano

NLX nano has been designed to minimize weight and size to improve the balance of instrument and motor in the hand of the clinician, reducing fatigue during prolonged procedures. Despite its small size and light weight, the NLX nano is as powerful as traditional micromotors and offers wider range of speeds. Its 180° Vector Control assures smooth and stepless control over the entire speed range. Thanks to LED illumination, it now delivers 32,000 LUX. natural daylight quality light and assures clearer vision, reducing fatigue during operation. Feel our quality of NLX nano micromotor. More than 25% shorter and 20% lighter Thanks to NSK know how, NLX nano has been designed to reduce weight by 20% and size by more than 25% compared with the current NSK micromotor. Despite its smaller size and lighter weight, NLX nano is as powerful and offers the same speed range as the current brushless NSK clinical micromotors.

# Perfect Balance

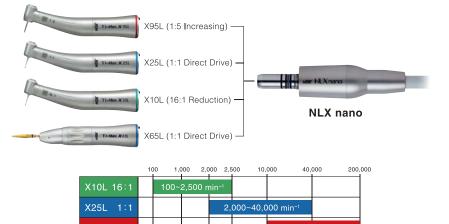
The balance of the motor and instrument combined has been dramatically improved as the weight and size of NLX nano has been reduced drastically. The overall length of instrument and NLX nano micromotor are almost the same as the length of air turbines and couplings, thus enabling practitioners use contra-angles and NLX micromotors just like the use of air turbines.



## Wider clinical applications

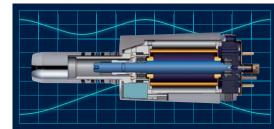
61g

NLX nano covers a wide speed range and is compatible with your existing optic and non-optic contra-angles. Combined with a wide range of contra-angles, it covers a speed range of 100 – 200,000 min<sup>-1</sup>, to make it suitable for any applications.



### High torque, smooth rotation and minimal vibration

Thanks to the NSK 180° Vector Control System, the NLX nano realizes smooth and stepless control over the entire speed range and assures high power. It reduces noise and vibration to the lowest level resulting in improved comfort for patients and clinicians.



## Autoclavable, maintenance free. brushless micromotor

The micromotor can be repeatedly autoclaved up to 135°C (with autoclave plug and motor cap). It is brushless micromotor that requires no brush replacement.



#### Specification

180° Vector Control System

: Sensorless DC Brushless Micromotor

Motor Speed: 2.000 - 40.000 min<sup>-1</sup>

Max. 3.4 Ncm

: 61g (micromotor only)

White LED