Integrated into existing equipment with the latest leading edge technology

NSK’s Multi Pad uniquely enables control of the NLX nano and NLX plus electric micromotors and the Varios 170 ultrasonic scaler in one system. When partnered with Multi Pad, the NLX nano reaches speeds of 1,000 - 40,000 min⁻¹ and delivers a powerful 3.4 Ncm torque, whilst the NLX plus additionally offers 3 user-friendly endo modes; auto-reverse on, auto-stop and auto-reverse off. NSK’s Multi Pad can also be used to control all functions of the Varios 170 ultrasonic scaler.

Features
- User friendly LCD display and interface to select settings.
- Visual identification on the display is possible even during operation of the handpiece.
- Up to 8 programs (motor only).
- Supports 5 languages (English, Espanol, Italiano, Francais and Deutsch).

The Integrated System

Electric Micromotor Integrated System (NLX BF) and Multi Function Ultrasound Scaler (Varios 170) can be controlled with the system.

Multi Pad Complete Set

<table>
<thead>
<tr>
<th>Model</th>
<th>Multi Pad Auto-Select</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi Pad Unit</td>
<td>Angle Plate (Mounting bracket)</td>
<td>Y1001846</td>
</tr>
<tr>
<td>Screws</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specifications

- Input voltage : DC ± 12 V
- Input current : 100 mA
- Max. output power : 1.2 w
- Dimensions : W95 x D138 x H31 (mm)
A New Generation of Micromotor as well balanced as an air turbine

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 nano micromotors just like the use of air turbines.

Wider clinical applications

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⁻¹, to make it suitable for any applications.

Advantages

- Smaller and lighter micromotor currently available
- Delivering powerful 3.4 Ncm torque
- Perfect balance with compact body
- 32,000 LUX* of LED illumination assures daylight quality light and clearer vision
- Durable with solid titanium body and scratch resistant DURACOAT
- Fully autoclavable micromotor

* Figures by NSK laboratory

$\text{System} : 180° \text{ Vector Control System}$

$\text{Motor Type} : \text{Sensorless DC Brushless Micromotor}$

$\text{Motor Speed} : 2,000 – 40,000 \text{ min}^{-1} \ (\text{NLX nano U})$

$\text{Torque} : \text{Max. 3.4 Ncm}$

$\text{Weight} : 61 \text{ g} \ (\text{micromotor only})$

$\text{Light} : \text{White LED}$
**Portable System Individual Components**

**MODEL NLX nano U**  
**ORDER CODE** U1062002  
- Portable system control unit  
- Digital Speed Display  
- Forward / Reverse switchable  
- Connects only to Midwest 4-hole type

**MODEL NLX nano**  
**ORDER CODE** E1044051  
- NLX nano micromotor only  
- Cord not included  
- Solid Titanium Body  
- Autoclavable up to 135ºC

**MODEL NLX CD**  
**ORDER CODE** E1044061  
- NLX nano micromotor cord for portable system (2.2 m)

**MODEL NLAC**  
**ORDER CODE** Y141135  
- AC Adaptor for NLX nano micromotor  
- For NLX nano portable system only

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**Integrated System Individual Components**

**MODEL NLX BF**  
**ORDER CODE** Y1002122  
- Power module with lamp and air function for integrated system  
- Dimensions with case : W115 x D68.5 x H40 (mm)

**MODEL NLX nano**  
**ORDER CODE** E1044051  
- NLX nano micromotor only  
- Cord not included  
- Solid Titanium Body  
- Autoclavable up to 135ºC

**MODEL NLS CD**  
**ORDER CODE** E1044066  
- NLX nano micromotor cord for integrated system (2.2 m)

**MODEL Multi Pad**  
**ORDER CODE** Y1001846  
- Multi-Control Panel for built-in system  
- Dimensions : W62 x D50 x H28.6 (mm)
**NLX plus Optic**

**Internal Water Spray**

**Electric Micromotor Integrated System**

**Features**
- Torque control & Auto reverse feature
- 3 working modes: Auto-reverse on, Auto-stop or Auto-reverse off
- Autoclavable Titanium body
- LED illumination
- Installable built-in type conforms to most dental equipments by employing original NLX BF power module

**Integrated System Individual Components**

- **Model: NLX BF**  
  **Order Code:** Y1002122  
  - Power module with lamp and air function for integrated system
  - Dimensions: W115 x D68.5 x H40 (mm)

- **Model: NLS ADP**  
  **Order Code:** U1020050  
  - 24Vac - 32Vdc converter for integrated system

- **Model: NLS SEL**  
  **Order Code:** Y1001808  
  - Selector module for integrated system
  - Dimensions: W82 x D50 x H28.6 (mm)

- **Model: NLX plus**  
  **Order Code:** E1040051  
  - NLX plus micromotor only (Cord not included)  
  - Solid Titanium body  
  - Autoclavable up to 135°C

- **Model: plus CD**  
  **Order Code:** E1040062  
  - NLX plus micromotor cord for integrated system (2.2 m)

- **Model: Multi Pad Auto-Select**  
  **Order Code:** Y1001846  
  - Multi-Control Panel for built-in system
  - Dimensions: W95 x D138 x H61 (mm)

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**Ti-Max X205L**

**Internal Water Spray**

**Shorter and Lighter - Ergonomic Comfort & Improved Balance**

**Advantages**
- Shorter and lighter unsurpassed balance Air motor
- 360° Swivel with LED illumination (32,000 LUX)

**Reduced size and weight for unsurpassed balance**

- **X205L**  
  - 60.7 mm  
  - 93.2 g

- **Ti205L**  
  - 73.7 mm  
  - 114 g

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**CLINICAL MICROMOTORS**
**S·Max M205**  
Internal Water Spray  
- Stainless Steel Body  
- Non-Retraction Valve  
- Midwest 4 hole  
- Max. 25,000 min⁻¹

**FX205m**  
External Water Spray  
- Borden 2 hole  
- Max. 25,000 min⁻¹

**Phatelus Probe**  
Connect to NSK Couplings

**Non-Optic**  
**MODEL** M205  
**ORDER CODE** M1007  
- Stainless Steel Body  
- Non-Retraction Valve  
- Midwest 4 hole  
- Max. 25,000 min⁻¹

**Non-Optic**  
**MODEL** FX205m M4  
**ORDER CODE** M1005001  
- Stainless Steel Body  
- Midwest 4 hole  
- Max. 25,000 min⁻¹

**Non-Optic**  
**MODEL** FX205m B2  
**ORDER CODE** M1006001  
- Stainless Steel Body  
- Borden 2 hole  
- Max. 25,000 min⁻¹

**Optic**  
**MODEL** P200  
**ORDER CODE** P411  
- Connect to NSK Couplings

**Autoclavable up to 135°C**

**Washable in the thermodisinfector (M205)**