**Multi Pad**

Multi-Control Panel for Built-in System

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, Español, Italiano, Français and Deutsch).

### The Integrated System

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

### Multi Pad Complete Sets

<table>
<thead>
<tr>
<th>Model</th>
<th>Multi Pad</th>
<th>Multi Pad Auto-Select</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Code</td>
<td>Y1001845</td>
<td>Y1001846</td>
</tr>
<tr>
<td>Multi Pad Unit</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Angle Plate</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Screws</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

### Specifications

- Input voltage: DC + 12 V
- Input current: 100 mA
- Max. output power: 1.2 W
- Dimensions: W 95 x D 138 x H 31 (mm)
NLX nano

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.

System: 180° Vector Control System
Motor Type: Sensorless DC Brushless Micromotor
Motor Speed: 2,000 – 40,000 min⁻¹ (NLX nano U)
: 1,000 – 40,000 min⁻¹ (NLX BF)
Torque: Max. 3.4 Ncm
Weight: 61 g (micromotor only)
Light: White LED

* LUX: Lux is a measure of luminous flux, and roughly corresponds to the brightness perceived by the human eye.
**NLX nano**

**Internal Water Spray**

**Electric Micromotor Portable System**

**Brushless**

- Speed: 2,000 – 40,000 min⁻¹, Torque: 3.4 Ncm

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

**Specifications (Control Unit)**
- Rated Input: AC 28 V 50/60 Hz
- Dimensions: W 127 x D 149 x H 54 (mm)
- Weight: 517 g

**Portable System Individual Components**

- **Model** NLX nano  **Order Code** E1044051
  - NLX nano micromotor only
  - Solid Titanium Body
  - Autoclavable up to 135°C

- **Model** NLX CD  **Order Code** E1044061
  - NLX nano micromotor cord for portable system (2.2 m)

- **Model** NLAC (120 V)  **Order Code** Y141133
- **Model** NLAC (230 V)  **Order Code** Y141135
  - AC Adaptor for NLX nano micromotor
  - For NLX nano portable system only

**Integrated System Individual Components**

- **Model** NLX BF  **Order Code** Y1002122
  - Power module with lamp and air function for integrated system
  - Dimensions with case: W 115 x D 68.5 x H 40 (mm)

- **Model** NLS-A ADP  **Order Code** U1020050
  - 24 Vac - 32 Vdc converter for integrated system
  - Dimensions: W 60.2 x D 81.4 x H 45.2 (mm)

- **Model** NLS-A SEL  **Order Code** Y1010403
  - Selector module for integrated system
  - Dimensions: W 68.5 x D 66.5 x H (85) (mm)

- **Model** Multi Pad  **Order Code** Y1001845
  - Multi-Control Panel for built-in system
  - Dimensions: W 95 x D 138 x H 31 (mm)

- **Model** Multi Pad Auto-Select  **Order Code** Y1001846
**Internal Water Spray Optic**

**Electric Micromotor Integrated System**

**BRUSHLESS**
- Speed: 100 – 40,000 min⁻¹
- Torque: 4.0 Ncm, with Endo Function

**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 with case: W 115 x D 68.5 x H 40 (mm)

**MODEL** NLS-A ADP  **ORDER CODE** U1020050
- 24 Vac - 32 Vdc converter for integrated system
- Dimensions: W 60.2 x D 81.4 x H 45.2 (mm)

**MODEL** NLS-A SEL  **ORDER CODE** Y1010403
- Selector module for integrated system
- Dimensions: W 69.5 x D 66.5 x H 98.5 (mm)

**MODEL** NLX plus  **ORDER CODE** E1040051
- NLX plus micromotor only (Cord not included)
- Solid Titanium Body
- Autoclavable up to 135°C

**MODEL** NLX plus CD  **ORDER CODE** E1040062
- NLX plus micromotor cord for integrated system (2.2 m)

**MODEL** Multi Pad  **ORDER CODE** Y1001845
**MODEL** Multi Pad Auto-Select  **ORDER CODE** Y1001846
- Multi-Control Panel for built-in system
- Dimensions: W 95 x D 138 x H 31 (mm)

**CLINICAL MICROMOTORS**

**Internal Water Spray Optic**

**Electric Micromotor Integrated System**

**BRUSH**
- Speed: 60 – 40,000 min⁻¹

**Integrated System Individual Components**

**MODEL** IMD BS  **ORDER CODE** Y1002845
- Power module for integrated system
- Dimensions: W 86 x D 57 x H 33 (mm)

**MODEL** IMD SEL  **ORDER CODE** Y1002848
- Selector module for integrated system
- Dimensions: W 66.5 x D 56.5 x H 38.5 (mm)

**MODEL** NBX  **ORDER CODE** E1059051
- Micromotor only (Cord not included)
- Solid Titanium Body

**MODEL** NBX CDB  **ORDER CODE** E1059061
- NBX micromotor cord for integrated system

**MODEL** Multi Pad  **ORDER CODE** Y1001845
**MODEL** Multi Pad Auto-Select  **ORDER CODE** Y1001846
- Multi-Control Panel for built-in system
- Dimensions: W 95 x D 138 x H 31 (mm)
NSK
M40-CD
Bien-Air®
4VLM / 4VR 400 / B4VLR
(Made by Bien-Air Dental S.A.)

Bien-Air® is registered trademark of Bien-Air Dental S.A.

M40 XS
Internal Water Spray
BRUSH

NSK Motor Cord

Motor Cord

Features
• Quiet smooth operation to maximum of 40,000 min⁻¹
• Minimum heat generation
• LED incorporated in micromotor (only NBX OPTIC)
• Solid Titanium outer Body

• Made Shorter and Lighter for Perfect Balance
• Advantages of using - LED light • Ergonomic Shape

Connect Direct to Existing
• Bien-Air® 4VLM tubing • Bien-Air® 4VR 400 tubing • Bien-Air® B4VLR tubing

M40N XS E1135051
MODEL ORDER CODE
Optic
Non-Optic

NBX
Internal Water Spray
BRUSH

Ultracompact LED Electrical Micromotor
Ultracompact and lightweight body as a result of applying
the latest materials and know-how

Key Features
• Quiet smooth operation to maximum of 40,000 min⁻¹
• Minimum heat generation
• LED incorporated in micromotor (only NBX OPTIC)
• Solid Titanium outer Body

Motor Cord

Optic MODEL NBX ORDER CODE E1059051
Non-Optic MODEL NBX N ORDER CODE E1074051
• Max. 40,000 min⁻¹ • Micromotor only (Cord not included)
• Ultracompact and lightweight outer Titanium body

Motor Cord

Optic MODEL NBX CDB ORDER CODE E1059061
Non-Optic MODEL NBX N CDB ORDER CODE E1074061
• With constant current • Motor Cord only

Connect Direct to Existing
• Bien-Air® 4VLM tubing • Bien-Air® 4VR 400 tubing • Bien-Air® B4VLR tubing

M40-CD
Bien-Air®
4VLM / 4VR 400 / B4VLR
(Made by Bien-Air Dental S.A.)

Bien-Air® is registered trademark of Bien-Air Dental S.A.
**Ti-Max X205L**

Shorter and Lighter - Ergonomic Comfort & Improved Balance

- 360° Swivel with LED illumination (32,000 LUX)
- Titanium body with scratch-resistant DURACOAT
- Non-Retraction Valve
- Max Speed: 23,000 min⁻¹ ±10%

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**DynaLED M205LG**

Generates Its Own LED Illumination - Another NSK Technology 1st

- For instant LED illumination simply connect DynaLED Air motor to an existing non-optic handpiece tubing.
- Delivers a stable supply of natural daylight-quality LED illumination rated at 25,000 LUX.

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**Reduced Size and Weight for Unsurpassed Balance**

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>X205L</td>
<td>60.7 mm</td>
<td>93.2 g</td>
</tr>
<tr>
<td>Ti205L</td>
<td>73.7 mm</td>
<td>114 g</td>
</tr>
</tbody>
</table>

**NSK’s Long Life Micro Power Generator - Exceptional Efficiency and Durability**

- The micro power generator is electronically calibrated to produce the correct power source for highly effective LED illumination.
- Does not impair air motor performance in any way.
- NSK has applied the very latest technologies and materials to achieve long-term efficiency and reliability.
**S·Max M205**  
*Non-Optic* Air Motor  
Internal Water Spray

- Stainless Steel Body  
- Non-Retraction Valve  
- Midwest 4 hole  
- Max Speed: 22,000 min$^{-1}$ ±10%

**FX205m**  
*Non-Optic* Air Motor  
External Water Spray

- Stainless Steel Body  
- Midwest 4 hole  
- Max Speed: 22,000 min$^{-1}$ ±10%

**FX205m**  
*Non-Optic* Air Motor  
Internal Water Spray

- Stainless Steel Body  
- Midwest 2 hole  
- Max Speed: 25,000 min$^{-1}$ ±10%

**Air Motor Set**  
*Non-Optic*

- Midwest 4 hole
- Borden 2 hole

**Contents**
- Air Motor (FX205m)  
- Straight handpiece (FX65m)  
- Contra-angle handpiece (FX205m)

Washable in the thermodisinfector. Autoclavable up to 135°C.