

NSK

BLUSHLESS ELECTRIC MICROMOTOR

NL400

the lightest weight micromotor

The Perfect Balance of Lightweight,
Power, Torque & Quietness



Powerful Partners®

Ti-Max NL400

TITANIUM

ISO E-Type Internal Water Spray

Optic

BRUSHLESS

Lightest Weight & Compact, yet Powerful



Technical Data

- | | | | |
|------------------|--------------------------------|---------------------------|-----------------------|
| • Control System | 180° Vector Control | • Weight | 77 g |
| • Input voltage | 24 V \approx | • Motor Length | 81 mm |
| • Current limit | 6.4 A | • Motor Diameter | \varnothing 22.5 mm |
| • Speed | 2,000~40,000 min ⁻¹ | • Cooling air requirement | 8 NL/min |
| • Torque | Max. 3.0 Ncm | | |



High flexibility and simple handling

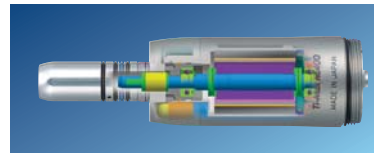
The NL400 brushless micromotor module is designed to be mounted into virtually any dental units without complicated adjustments. The application of NSK micromachining technology ensures a very compact, easy to install operation control module. The specially developed user software offers high flexibility and simple programming.

Ideal Balance



The light weight solid titanium micromotor is exceptionally well balanced when handpieces are attached. Perfect for all hand sizes.

Vector Control for Smoother Operation



The NSK NL400 to move smoothly via step-less rotation throughout the entire speed range.

The NL400 is designed to provide low noise operation. The 180° Vector Control allows the

Integrated System Individual Components

MODEL	PRODUCTS	ORDER CODE
NL400 BF		-
Ti-Max NL400 CDB		E267-061

- Power module with lamp sub module and air sub module for integrated system
- Dimensions : W120 x D85 x H46.6 (mm)

- Ti-Max NL400 micromotor cord for integrated system (2.2m)

MODEL	PRODUCTS	ORDER CODE
Ti-Max NL400 MCB		E267-003
Ti-Max NL400		E267-051

- 2,000~40,000min⁻¹
- Ti-Max micromotor with cord for (NL400) integrated system
- Solid Titanium Body

- Ti-Max NL400 micromotor only (cord not included)
- Solid Titanium Body
- Autoclavable at 135°C max

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