



Electric Micromotor for Dental Handpiece (BLDC, Panel Type)

- Adjustable rotation speed from 100 to 200,000 rpm
- High-intensity optic support (25,000 – 33,000 LUX)

Set Configuration:

Micromotor (ELM-B40L)

Control Panel

Controller



PRODUCT FEATURES



Max. 200,000 RPM

(1:5 speed increasing handpiece)



Powerful optic motor

25,000 ~ 33,000 LUX optic motor.



Memory function

By using M1 ~ M3, 3 memories can be saved.
which allows users save and load their own personal setting instantly.

CLINICAL EXAMPLE

1

Tooth prep

When directly preparing a tooth with 200,000 rpm, ELEC II mini can help prepare the tooth more quickly and smoothly than a general high-speed air turbine handpiece.



2

Dental prosthesis removal

Prep can be easily and simply performed even on strong dental prosthesis such as zirconia, amalgam, PFM, etc.

3

Margin of the dental prosthesis

As ELEC II Mini can generate high power even at a low speed of 50,000 rpm, a tooth prep surface is even, and optimal dental prosthesis can be made with a precise margin formation without a rough rip.



4

Other Operations

When a straight angle is installed at the ELEC motor, it will generate higher power and be effective for precise dental operation such as implant stunt manufacture etc.

Micromotor

Part No.	ELM-B40L
Max.Speed	40,000RPM
Type	BLDC (Brushless DC)
Dimension	Φ20 × 72mm(L)
Weight	70g
LED	Yes
Irrigation	Internal Water

Control Panel

Part No.	ELDP-BT
Gear Ratio	1:5, 1:1, 16:1, 20:1
Dimension	113.6mm(W) x 14.5mm(L) x 44mm(H)

Controller

Part No.	ELT-B40K
Input Voltage	24 V AC
Frequency	50/60 Hz
Power Consumption	100 VA (Max.)
Dimension	72mm(W) x 96mm(L) x 34.5mm(H)

Description electric motor electric lines



Power AC 24V



More than AC 24V should be supplied
please check by voltage meter



USB Cable

pcb on/off air

Nipple

Main drive air

Water Control valve
of dental unit



Outside of unit

Inside of unit

Master valve of dental unit