

ELEC II mini

The world's smallest, strongest, and lightest



ELEC

CLINICAL ELECTRIC MICROMOTOR

The world's smallest ELEC 2 mini reduces fatigue on the wrist during natural tooth prep, and helps in the convenient, safe, and quick performance of long treatments.



MOBILE TYPE



PANEL TYPE



World's smallest and powerful electric motor

The motor size is definitely smaller than previous model, 'ELEC LED'. Nevertheless, its torque is the same with 'ELEC LED'.



Max 200,000RPM

(1:5 speed increasing handpiece.)



Memory function

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



Powerful optic motor

25,000~33,000 LUX optic motor



CLINICAL EXAMPLE



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.

Dental prosthesis removal

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



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.

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.



SPEC

PREMIUM

MOBILE TYPE



Electric Micromotor (ELEC2 mini)	
Model	ELM-B40S
Max.Speed	40,000 RPM
Max.Torque	3 Ncm
Max.Current	5A
Type	Brushless
Dimension	∅20 x 63mm(L)
Weight	68g
Optic	Yes
Water	Internal water

Controller	
Model	EL-M40S
Gear	1:5 / 1:1 / 16:1 / 20:1
Dimension	113mm(W) x 135mm(D) x 45mm(H)

Handpiece	
Model	CA100L / SA100L
Max.Speed	40,000 RPM
Ratio	1:1
Material	Stainless steel
Water	Internal water
Optic	Fiber optic
Bur	CA100L: CA bur(∅2.35) SA100L: HP bur(∅2.35)

PREMIUM PANEL TYPE



Electric Micromotor (ELEC2 mini)	
Model	ELM-B40S
Max.Speed	40,000 RPM
Max.Torque	3 Ncm
Max.Current	5A
Type	Brushless
Dimension	∅20 x 63mm(L)
Weight	68g
Optic	Yes
Water	Internal water

Panel	
Model	ELCP-BT
Gear	1:5 / 1:1 / 16:1 / 20:1
Dim.	113(W) x 12(D) x 44mm(H)
Built-in board	
Model	EMT-B40K
Input voltage	AC24V
Hertz	50/60 Hz
Watt	100 VA (Max.)
Dim.	70(W) x 95(D) x 35mm(H)

Handpiece	
Model	CA100L / SA100L
Max.Speed	40,000 RPM
Ratio	1:1
Material	Stainless steel
Water	Internal water
Optic	Fiber optic
Bur	CA100L: CA bur(∅2,35) SA100L: HP bur(∅2,35)

STANDARD PANEL TYPE



Electric Micromotor	
Model	ELM-B40I
Max.Speed	40,000 RPM
Max.Torque	3 Ncm
Max.Current	5A
Type	Brushless
Dimension	∅20 x 63mm(L)
Weight	70g
Optic	No
Water	Internal water

Panel	
Model	ELCP-BT
Gear	1:5 / 1:1 / 16:1 / 20:1
Dim.	113(W) x 12(D) x 44mm(H)
Built-in board	
Model	EMT-B40K
Input voltage	AC24V
Hertz	50/60 Hz
Watt	100 VA (Max.)
Dim.	70(W) x 95(D) x 35mm(H)

Handpiece	
Model	CA100R / SA100R
Max.Speed	40,000 RPM
Ratio	1:1
Material	Stainless steel
Water	Internal water
Optic	No
Bur	CA100L: CA bur(∅2,35) SA100L: HP bur(∅2,35)

BASIC PANEL TYPE



Electric Micromotor	
Model	ELM-B40M
Max.Speed	40,000 RPM
Max.Torque	3 Ncm
Max.Current	5A
Type	Brushless
Dimension	Ø20 x 63mm(L)
Weight	70g
Optic	No
Water	No

Panel	
Model	ELCP-BT
Gear	1:5 / 1:1 / 16:1 / 20:1
Dim.	113(W) x 12(D) x 44mm(H)
Built-in board	
Model	EMT-B40K
Input voltage	AC24V
Hertz	50/60 Hz
Watt	100 VA (Max.)
Dim.	70(W) x 95(D) x 35mm(H)

Handpiece	
Model	CA100 / SA100
Max.Speed	40,000 RPM
Ratio	1:1
Material	Stainless steel
Water	No
Optic	No
Bur	CA100L: CA bur(Ø2,35) SA100L: HP bur(Ø2,35)

Brush NXOP-100E



Connect a 6-hole tubing to a dental unit

Electric Micromotor	
Model	NXOP-100E
Max.Speed	40,000 RPM
Max.Torque	2.5 Ncm
Type	Brush
Optic	Fiber optic
Water	Yes
Control board	
Model	EMT-D35K

Brush NXHW-100E



Electric Micromotor	
Model	NXHW-100E
Max.Speed	40,000 RPM
Max.Torque	2.5 Ncm
Type	Brush
Optic	No
Water	Yes
Control board	
Model	EMT-D35K