

E-type Contra Angle Handpiece

EC-20L/EC-20ML/EC-30BL/EC-35BL/EC-30BLP/CTM-P01 /
 ECN-20L/ECN-20ML/ECN-30BL/ECN-35BL/ECN-30BLP/CTN-P01 /
 EG-20L/EG-20ML/EG-30BL/EG-35BL/EG-30BLP/CGM-P01 /
 EGN-20L/EGN-20ML/EGN-30BL/EGN-35BL/EGN-30BLP/CGN-P01



⚠ This product is designed for dental use. Its operation and maintenance should be done under dentist's supervision.

SPECIFICATION:	Maximum Rotation Speed	: 20,000rpm	EC-20L, EC-20ML, ECN-20L, ECN-20ML
		: 30,000rpm	EC-30BL, EC-35BL, EC-30BLP, CTM-P01, ECN-30BL, ECN-35BL, ECN-30BLP, CTN-P01

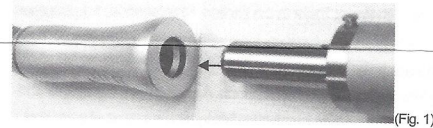
Gear Ratio	• EC- , ECN- , CTM- , CTN- :	1 to 1 of Motor rotation
	• EG- , EGN- , CGM- , CGN- :	4 to 1 of Motor rotation
Applicable Bur	: CA type ISO standard (2.35φ)	
Coupling	: ISO standard (E-type)	
Sterilization	: 135°C autoclave for 15min.	

HOW TO USE:

- ⚠ Check for vibration, noise and overheating outside the patient's mouth before use. And if any abnormalities are found in use, stop using immediately and contact your dealer.
- ⚠ Please avoid disassembling or modifying the product.
- ⚠ Do not drop, apply excessive force / impact on Handpiece. Warranty is invalid for the trouble caused by those acts.

1. Coupling with Motor

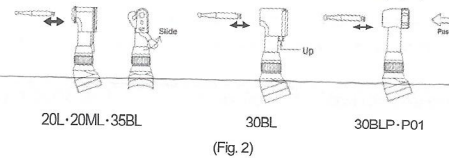
Push the motor nose into the sheath of Handpiece all the way until the stopper of Airmotor is properly hooked in the inside groove of Handpiece. Verify proper coupling by pulling the Handpiece and the Airmotor. (Fig. 1)



2. Bur Change

• Mount-on: Slide open, up the latch or push head cap. Insert the bur all the way till the end and make slightly turn. Slide close, down or release where latch fits into the groove of bur. Verify that bur is properly mounted on, by pulling it with hands. (Fig. 2)

• Mount-off: Slide open, up the latch or push head cap, and pull off bur. (Fig. 2)



⚠ Do not apply any excessive force that can deform bur.

3. Operation

Use with running below Maximum Rotation Speed. ⚠ Please make trial run at low speed after coupling.

⚠ In high speed use, the bur with large operating diameter could fly off and cause serious damage on human body. Please observe speed limit of bur.

DAILY CHECK

Every time prior to its use, please check handpiece on the points followed,

1. Chuck capability of holding bur / 2. Connection between head and sheath / 3. Abnormal noise, vibration, heat generation /
4. Connection with a motor / 5. Deform, Damage

⚠ When any abnormality is detected on daily check or use, immediately stop its operation, and have the handpiece checked by us.

MAINTENANCE

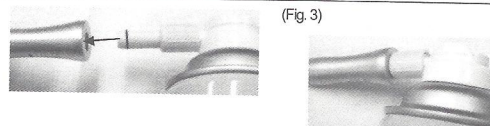
⚠ To keep Handpiece under good condition, lubricate oil for dental Handpiece should be used.

1. Lubrication

Frequency

• Before autoclave	: Every time	• After Cleaning	: Every time	• After use	: Every time
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Be sure to lubricate before autoclave, and in the case that water and/ or dust gets inside. Spray lubrication could also make inside cleaning. It should be done twice each time. Spray lubricate oil at the back of sheath of Handpiece. (Fig. 3)



⚠ Without being held firm by hand, Handpiece could be pushed away by air-pressure of spray. Accidental drop could cause damage on the device.

⚠ When water goes inside the Handpiece, lubricate more than three times.

⚠ Do not lubricate handpiece with bur attached.