

**Airmotor** ME-20M, ME-20B, ME-80M, ME-80B, ME-10M

**Airmotor Set** ME-20MS, ME-20BS, ME-80MS, ME-80BS

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

⚠ Please read this Operation Manual carefully before use, and file for future reference.

**SPECIFICATION:**

Rotation Direction	: Forward / Reverse	
recommended operating pressures of air	: 0.2MPa (2.0kg/cm <sup>2</sup> )	
Rotation Speed	: 5,000rpm (4 to 1)	ME-80M, ME-80B
	: 20,000rpm (1 to 1)	ME-20M, ME-20B, ME-10M
Rotation Torque	: 480g·cm	ME-80M, ME-80B
	: 160g·cm	ME-20M, ME-20B, ME-10M
consumption of air	: 20NL/min	
consumption of water	: 70ml/min	ME-20M, ME-20B, ME-80M, ME-80B
coupling for handpiece	: ISO Standard (E type)	
coupling for Hose	: ISO standard B-type (4H)	ME-20M, ME-80M, ME-10M
	: ISO standard A-type (2H)	ME-20B, ME-80B
Sterilization	: 135°C autoclave for 15 min.	

Set Description	Set Model	Airmotor	Straight handpiece	Contra angle handpiece
	ME-20MS	ME-20M	ES-30A	EC-20L
	ME-20BS	ME-20B	ES-30A	EC-20L
	ME-80MS	ME-80M	ES-30A	EC-20L
	ME-80BS	ME-80B	ES-30A	EC-20L

**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.

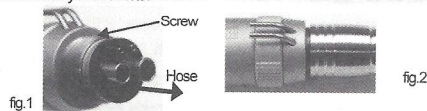
⚠ Do not drop, apply excessive force / impact on airmotor. Warranty is invalid for the trouble caused by those acts.

**1. Coupling with Hose**

Check that the connection type of Airmotor matches that of hose. (fig.1)

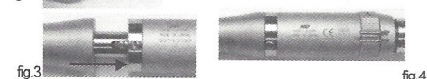
Screw tight a hose coupler at the back end of Airmotor. (fig.2)

Make trial run at low speed to check proper connection with neither air- nor water leak.


**2. Coupling with Handpiece**

Push the nose of Airmotor into the Handpiece to be coupled, all the way until it stops. (fig.3, fig.4)

Please refer to the operation manual of handpiece, for its use.


**3. Un-coupling with Handpiece**

Push release button. (fig.5)

Pull out Handpiece. (fig.6)

※Pull handpiece out for ME-10M.


**4. Forward / Reverse Rotation**

Forward or Reverse rotation is selected by adjusting the screw head on Rotation-Ring at F or R each.(fig.7)

Please use at F under normal condition.

※Maximum speed can be reduced by slightly moving the screw head on

Rotation-Ring back toward R.

