



AUTOCLAVABLE

Air Motor

OPERATION MANUAL

M4

B2

1. Motor and Handpiece

(3) Air Motor

AM1000 1:1

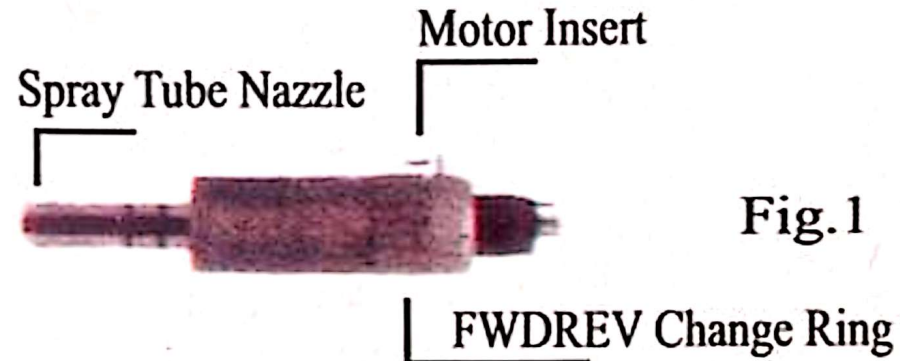


Fig.1

2. Specifications

Air feed pressure (KPa(kgf/cm ²))	Motor rotational speed (min ⁻¹ (rpm))	Gas consumption(NL/min)	Weight(g)
245(2.5)	22,000	42	90
294(3.0)	25,000	51	
392(4.0)	27.000	72	

* Speed may vary slightly depending on the back-end configurantion,the dircection of rotation, and type of hose used

3. Mounting of Handpiece

(1) Mounting

Insert the E - type handpiece in the motor insert.

(2) Removal

Simply pull out the handpiece from the motor.

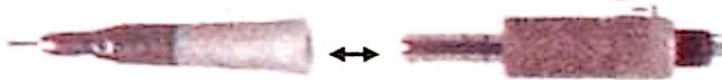


Fig.2

4. Forward/Reverse Rotation

- (1) Forward Rotation: Turn the FWD/REV Change Ring to "F" as shown in Fig.3
- (2) Reverse Rotation: Turn the FWD/REV Change Ring to "R" as shown in Fig.4
- (3) When the FWD/REV Change Ring is positioned in the middle of "F" and "R", the drive air is interrupted and the motor does not rotate.



5. Lubrication

Lubrication is required at least once a day. Use of PANA-SPRAY or LANCO Air Turbine Oil (Cat. No.Z016-112) is recommended

- (1) AM1000 Air-motors

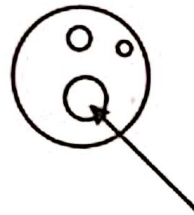
Disconnect the motor from the handpiece hose, and supply a few drops of Air Turbine Oil or PANA-SPRAY for a few seconds into the drive air tube at the back end of the notor as shown in Fig.8

Midwest 4-hole



Drive Air Tube

Bordon 3-hole



Drive Air Tube

Bordon 2-hole



Drive Air Tube

Fig.8

 **CAUTION**

- Be sure to hold the handpiece firmly to prevent the handpiece from slipping out by the spray pressure when lubricating.
- Supply lubricant until it comes out of the handpiece nose (for approx. 2 seconds).
- Keep the PANA-SPRAY can upright.

8. Sterilization

The SN1000, AM1000 and CA1000 are autoclavable, Autoclave sterilization required after each patient as noted below.

● Autoclaving Procedure:

- ① Wipe off dirt with alcohol-soaked cloth.
- ② Lubricate with PANA-SPRAY,(Ref.7.Lubrication)
- ③ Place into autoclaving pouch and seal it in accordance with instructions on the pouch.
- ④ Autoclavable up to a max.135°C. ex.) Autoclave for 20 min. at 121°C, or 15 min.. at 132°C.