



maxi

AIR MOTOR INSTRUCTIONS FOR USE

 $|\breve{\Lambda}|$ Washer Disinfectable



Autoclavable up to 135°C/275°F

BEFORE YOU BEGIN

Please read these instruction for use prior to using your air motor. These products are intended for use by trained dental personnel only. Please retain these instructions for future reference. These instructions cover several models and a list of these models can be found under the TECHNICAL SPECIFICATIONS heading.

SAFETY INFORMATION

- Handpieces and attachments should always be sterilized after each patient to maintain proper infection control and prevention of cross infections.
- Suitable hygienic measures must be taken to prevent cross contamination between patients, operators and other personnel.
- The handpiece must only be operated when the attachment is properly seated.

TECHNICAL SPECIFICATIONS

MODEL	stel M4-A20
ITEM	91165
ATTACHMENTS	ISO E-Type Attachments
MAXIMUM SPEED	20,000 RPM

Air Pressure Range 0.2 - 0.3 MPa

Tip Air Pressure 0.2 - 0.3 MPa *with attachment

Exhaust Pressures Recommended: 0.07 MPa, max. *0.25 MPa (at output end)

Recommended Air Pressure Range 0.25 MPa

Water Pressure Range 0.05 - 0.2 MPa *with attachment

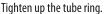
Usage Speed Range (at 0.25 MPa) 5,000 - 20,000 RPM

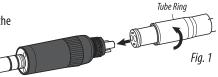
Air Flow (at 0.25 MPa) 46 L/min

Stop Torque (at 0.25 MPa) 3.5 N·cm

MOUNTING AIR MOTOR

Line up the pipes on the motor with the holes in the tube connector, and put the motor on the tube (Fig. 1). Tighten up the tube ring.





MOUNTING ATTACHMENTS

Simply slide the attachment onto the nose of the slow speed motor until it clicks into place (Fig. 2). The attachment is free turning. To remove an attachment, simply pull the attachment away from the motor.

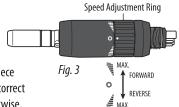


SPEED AND DIRECTION ADJUSTMENT

Turn the Speed Adjustment ring to set the speed and rotation direction (Fig. 3).

WARNING

Before each use on a patient, ensure the handpiece runs smoothly in the right direction and at the correct speed and that the burr does not wobble. Otherwise, injury may result.



SPEED AND DIRECTION ADJUSTMENT (CONTINUED)

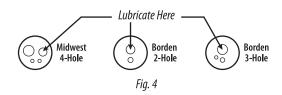
WARNING

- Never touch the connection buttons while the air motor is actually running;
 this could cause it to come off and injure the patient.
- To prevent injury, wait for the instrument to stop rotating before taking it out of the patient's mouth.

LUBRICATION

Clean and lubricate the motor with spray lubricant once a day or before autoclaving. Take the motor off its tube. Set the speed adjustment ring on the forward "F" side. (Fig. 4)

- Mount the E-type spray nozzle into the spray port.
- Shake the can 3-4 times to mix well the lubricant and propellant.
- Insert the spray nozzle in the rear of the handpiece and spray for approximately 2-3 seconds or until the oil comes out of the handpiece.



CAUTION

- Hold the handpiece firmly to prevent the handpiece from slipping out of hand by the spray pressure when lubricating.
- Supply lubricant until it comes out of the handpiece head (for approx. 2 seconds).
- Keep the spray can in an upright position.

STERILIZATION

The handpiece must be cleaned and sterilized between patient uses. A wrapped handpiece should be steam sterilized at 132°C for a minimum of 10 minutes or at 121°C for a minimum of 50 minutes. **Do not exceed 135°C**.

An unwrapped handpiece should be steam sterilized at 132° C for a minimum of 8 minutes or at 121° C for a minimum of 30 minutes. **Do not exceed 135^{\circ}C**.

Note: An unwrapped handpiece needs to be used immediately or sterility is not maintained.

Do not exceed the sterilizer manufacturer's guidelines for load capacity.

CAUTION: Use steam sterilization exclusively for complete sterility.

NEVER dry heat sterilize, ultrasonically clean, or expose handpiece or swivel to chemical disinfection or cold sterilization by:

- Immersion techniques or surgical milk
- · Surface wipes, Hand soaps, or Detergents
- Surface sprays
- Sterilization bags containing disinfectants

WARRANTY

maxill inc. hereby warrants against defect in material and workmanship that for a period of 6 months from the date of purchase, this product will perform satisfactorily under normal use and service. No warranty claim can be inferred here, as wear may occur earlier or later than indicated above depending on use, frequency of sterilization and frequency of maintenance. maxill shall under no circumstances be liable for incidental or consequential damages or damage due to improper use or maintenance.

This Warranty is subject to the following conditions: maxill will, without charge, repair or replace (at maxill's sole discretion) any defective parts covered in this warranty if the conditions are met . The defective item must be returned to maxill, accompanied by the original invoice information or packing list. This warranty is in lieu of all other warranties, expressed or implied.



