



LOW-SPEED HANDPIECE SYSTEM



ITEM# 91165

AIR MOTOR - INSTRUCTIONS FOR USE



WARNING!
(Risk of injury)



ATTENTION!
(To prevent damage)



AUTOCLAVABLE!

BEFORE YOU BEGIN

Please read this instruction prior to using your slow speed attachments. The use of this product is intended for use by trained dental personnel. We recommend that you retain this manual for future reference.



SAFETY INFORMATION

- Motors and attachments should be sterilized after each patient to prevent any transmission of infective organisms.
- 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 onto the motor.

TECHNICAL SPECIFICATIONS

Model	stel M4-A20
Attachments	ISO E-Type Attachments
Maximum Speed	20,000 rpm
Air Pressure Range	0.2-0.3 Mpa
Recommended Exhaust Pressures	0.07 Mpa, max. *0.25 Mpa
Recommended Air Pressure Range	0.25 Mpa
Water Pressure Range	0.05-0.2 Mpa
Usage Speed Range	5,000-20,000 rpm
Air Flow (At 0.25MPa)	46 NL/min
Stop Torque (At 0.25MPa)	3.5 N cm



Spaulding's Classifications

maxill inc.

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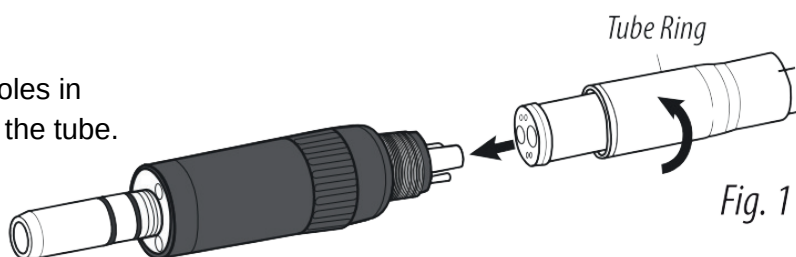
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AIR MOTOR - INSTRUCTIONS FOR USE CONT'D

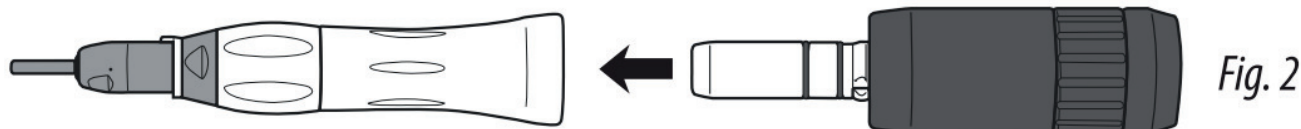
MOUNTING AIR MOTOR

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



MOUNTING ATTACHMENTS

Put the handpiece or shank attachment on the motor until it clicks into place. The attachment is free turning. *Fig 2*



DISCONNECT THE ATTACHMENT

Pull the attachment off the motor.

SPEED AND DIRECTION ADJUSTMENT

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



WARNING

- Before actual use, always operate the handpiece outside the oral cavity to make sure it runs smoothly in the right direction and at the right speed and that the bur does not wobble. Otherwise, the patient could be injured.
- Never touch the connection buttons while the Air Motor is actually running; this could cause it to come off and injure the patient.
- Wait for the instrument to stop rotating before taking it out of the patient's oral cavity; otherwise it could injure the patient.

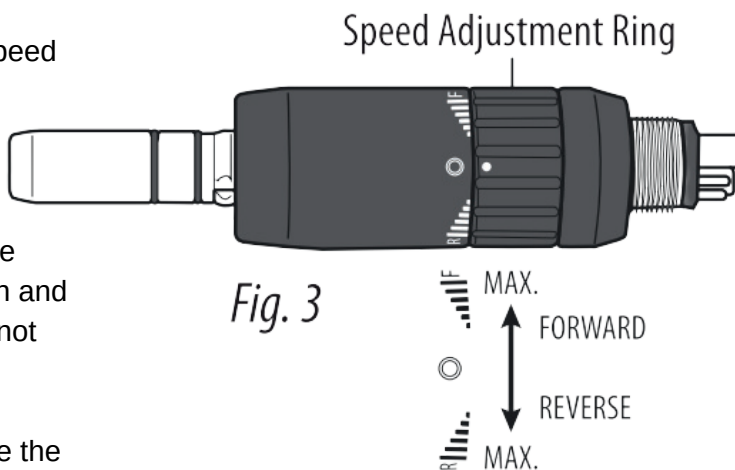


Fig. 3



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AIR MOTOR - INSTRUCTIONS FOR USE CONT'D

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 spray nozzle into the spray port.
- Shake the can 3-4 times to mix lubricant and propellant well.
- Insert the spray nozzle in the rear of the motor and spray for approximately 2-3 seconds until the oil comes out of the opposite end.



Fig. 4

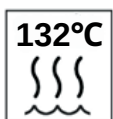


CAUTION

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

STERILIZATION

Sterilization of instruments by applying a fractionated pre-vacuum steam sterilization process (according to EN285/EN 13060/EN ISO 17665) under consideration of the respective country requirements.



Recommended sterilization temperature: 132°C (± 2°C), Do not exceed 137°C.

Ensure drying cycle is fully complete.

Flash sterilization is not allowed!



CAUTION

Use steam sterilization exclusively for complete sterility. **NEVER** dry heat sterilize, ultrasonic 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



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AIR MOTOR - WARRANTY

WARRANTY

maxill inc. hereby warrants against defect in material and workmanship 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.

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