Maxso®

The Next Standard.



Air Motor
Operator's Manual

Beyes®

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WARNING! (Risk of injury)	ATTENTION! (To prevent damage)	Thermal washer disinfectable	Sterilizable up to the stated temperature

Before You Begin

Please read this Operator's Manual 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

• Slow speed handpieces 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.

Technical Specifications

Model	M20A, M20A 2H, M20B, M20B 2H, M20C	M05A, M05A 2H
Attachments	ISO E-Type Attachments	
Maximum Speed	20,000 RPM	5,000 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 0.25MPa) 5,000-20,000 rpm
Air Flow (At 0.25MPa) 46 NL/min
Stop Torque (At 0.25MPa) 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. Tighten up the tube ring. Fig 1

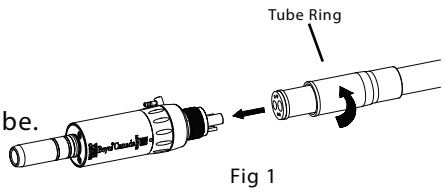


Fig 1

Mounting attachments

Simple put the straight handpiece or shank attachment on the motor until it clicks into place. The attachment is free turning. Fig 2



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 burr does not wobble. Otherwise, the patient could be injured.

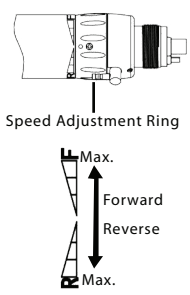


Fig 3

• Never touch the connection buttons while the Air Torx 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.
• For CP-3 and CP-4 models, take the attachment off when the air motor is not being used. Leaving it on creates a risk of accidental injury.

Lubrication
Clean and lubricate the motor with Beyes Spray 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 well mix lubricant and propellant.
• Insert the spray nozzle in the rear of the handpiece and spray for approximately 2-3 seconds until the oil comes out of the handpiece

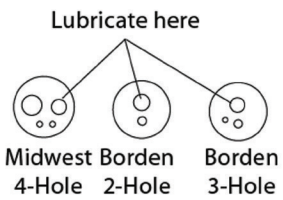
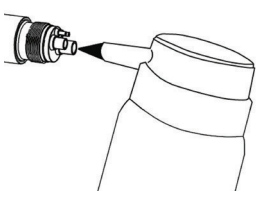


Fig 4

Caution
• Be sure to 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).
• Hold the Beyes Spray can upright.



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°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 sterilizes, ultrasonically clean, or exposes handpiece or swivel to chemical disinfection or cold sterilization by:
• Immersion techniques or Surgical milk
• Sur face wipes, Hand soaps, or Detergents
• Sur face sprays
• Sterilization bags containing disinfectants

Warranty

Beyes Dental Canada hereby warrants against defect in material and workmanship that for a period of one year 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. Beyes 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 Beyes will, without charge repair or replace (at Beyes sole discretion) any defective part/s covered in this warranty. If the conditions are met, the defective item must be returned to an authorized Beyes service center or distributor. Accompanied by the original invoice or packing list. This warranty is in lieu of all other warranties, expressed or implied.

Federal law restricts this device to sale by or on the order of a dentist, physician, or any other practitioner licensed by the law of the states in which he or she practices to use or order the use of this device

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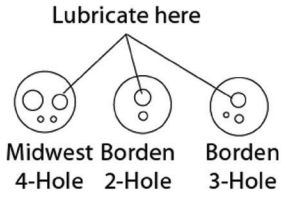
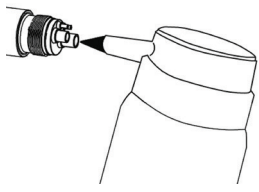


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Federal law restricts this device to sale by or on the order of a dentist, physician, or any other practitioner licensed by the law of the states in which he or she practices to use or order the use of this device

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