



Johnson-Promident

618 Corporate Way Unit 1 Valley Cottage, NY 10989 info@johnsonpromident.com
Phone: 845-589-0210 Fax: 845-589-0211

Instructions

JP ESGM and SGII – Short Gripper II E-type Motor and Doriot One-piece Handpiece



Technical Facts

ESGM: ISO E-type Motor

Maximum rpm: 0-20,000 min⁻¹

Attachment: accepts all ISO E-type attachments

SGII: Doriot One-piece Handpiece

Maximum rpm: 0-20,000 min⁻¹ or 0-5,000 min⁻¹

Attachment: accepts both Handpiece Burs and Doriot/U-type attachments

Air Requirements: Clean filtered moisture free air with recommended pressure of at least 45 psi. **Do not exceed 60 psi.**

Operation

Connect and disconnect contra angle from E-motor:

Connect: Press the motor firmly into the attachment as shown in the picture.
The motor must fully engage and fit tightly with attachment.

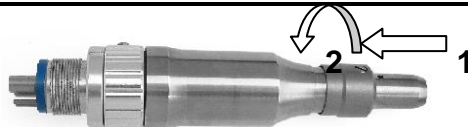


Disconnect: The motor must not be moving before disconnecting the attachment.
Pull the motor and attachment apart with a firm pull.

Removing HP bur or doriot attachment from Doriot Handpiece:

Hold the handpiece in the left hand, depress housing ring toward the body of the handpiece while twisting ¼ turn to the right to open the chuck.

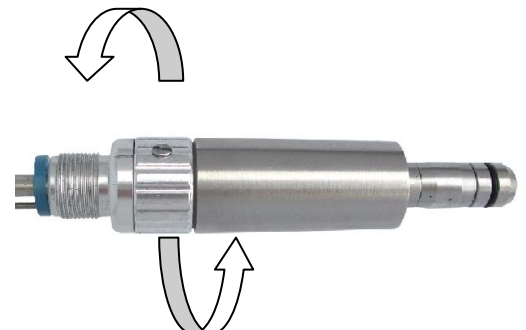
****Push then Pull the HP bur or attachment and remove from the chuck.**



Forward/Reverse Speed:

Forward: Twist change ring fully clockwise

Reverse: Twist change ring fully counter-clockwise – *In mid position, handpiece will not operate*





Cleaning and Care

Your Johnson-Promident slow speed motor is a high quality precision instrument. Incorrect maintenance and care can shorten the life of this product. We recommend for cleaning and lubrication original Johnson-Promident Premium Spray or DCL-90.

External Cleaning

Remove angle or attachment from motor and disconnect from hose and clean the external surface thoroughly with a sponge or gauze using warm tap water. DO NOT IMMERSE INSTRUMENT. Wipe dry with a clean cloth.

Clean/Lubricate Internal Surface

Lubricate before every sterilization. Using a combination cleaner/lubricant like Johnson-Promident Premium Spray or DCL-90 and spray into the drive air tube. Run motor on air source for 30 seconds so that all excess lubricant is expelled. This ensures all internal parts of motor are completely lubricated.



Weekly: Additional lubrication should be applied to inside nose of motor.

Sterilization



Place motor into autoclave bag or pouch. Cycle per autoclave/chemiclave manufacturers' instructions. DO NOT EXCEED 275° F (29 psi)/ 135°C (2 bar).



CAUTION

- DON'T use oversized, bent, grooved, off-centered burs.
- DON'T immerse instrument in water or use ultrasonic cleaner.
- DON'T use any type of disinfectant, chemical or soap on instrument. Use of chlorine products, aldehydes, etc. will damage handpiece and void all warranties.
- DON'T operate motor while changing speed range, changing direction or inserting/removing attachments
- DON'T exceed 275° F (29 psi)/ 135°C (2 bar) in autoclave.
- DON'T dry heat or heat transfer sterilize.
- DON'T operate instrument without bur inserted into chuck.

