



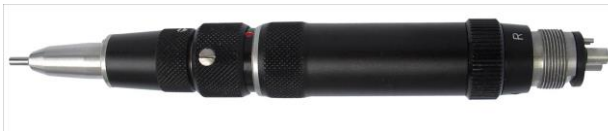
Johnson-Promident

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Instructions

JP BD-4 or 2 – Micromite Black Demon 25,000 RPM Handpiece



Technical Facts

BD4 or 2: ISO U-type Doriot Motor

Maximum rpm: 0-25,000 min⁻¹

Attachment: accepts all handpiece burs, U-type contra angles and prophyl angles

Air Requirements: Clean filtered moisture free air with recommended pressure of 30- 40 psi. **Do not exceed 50 psi.**

Operation

Insert and remove burs and attachments from motor:

Insert: To insert a cutting instrument or angle attachment, make sure the chuck is open by turning the chuck locking ring so that its black dot matches the red dot on the handpiece. Fully insert the bur or attachment and turn the locking ring until the black dot matches the black dot on the handpiece which locks the chuck. Be sure to turn the ring to full extent. If the chuck is not completely locked, the bur or attachment may come loose or the motor will not operate.

Remove: The motor must not be moving before removing a bur or attachment. Open the chuck by turning the chuck locking ring so that the black dot matches the red dot on the handpiece. You may then remove the bur or attachment.

Forward/ Reverse Operation: For normal forward rotation, turn the rotational control ring to line up the screw to the full “F” position, the the handpiece will operate at full forward speed. Turn the rotational ring screw to full “R” position for full reverse rotation. Speed can be adjusted by turning the control ring between the “F” and “R”. When the control ring screw is at the middle point, it is in neutral and the handpiece will not spin.

Caution: To avoid internal chuck damage, do not close the chuck unless a bur or angle attachment is installed.

Cleaning and Care



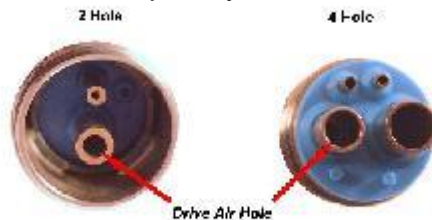
Your Johnson-Promident handpiece is a high quality precision instrument. Incorrect maintenance and care can shorten the life of this product. We recommend for cleaning and lubrication original Johnson-Promident Premium Spray or DCL-90.

External Cleaning

Remove angle from attachment 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. Use a combination cleaner/lubricant like Johnson-Promident Premium Spray or DCL-90 and spray into the drive air tube. Also put lubricant inside of chuck where the bur/ angle is inserted. 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 – Place a few drops of lubricant in the swivel junction in the middle of the handpiece and twist swivel to work lubricant into junction and wipe clean.

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 under or oversized or bent burs and angles.
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.

