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Tornado

ProphyAid Prophy Handpiece

Operational Manual

#PH-777
Red / Black

Technical Specifications

Maximum rpm: 0-5,000 min⁻¹

Attachment: accepts all handpiece burs, U-type

Contra angle and prophy angles

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 dot matches the dot on the handpiece. Fully insert the bur or attachment and turn the locking ring until the dot matches the 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.

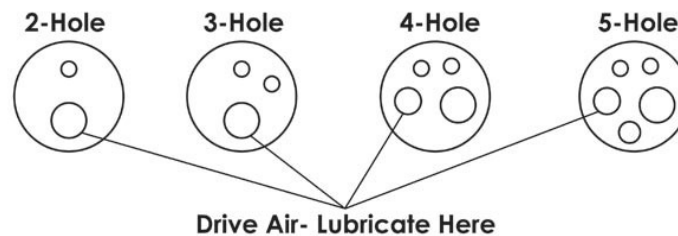
Remove: The motor must not be moving before removing a bur or attachment. Open the chuck by turning the chuck locking ring so that the dot matches the dot on the handpiece. You may then remove the bur or attachment.

Forward/Reverse Operation: For normal forward rotation, turn the rotational control ring to line up the screw to the full "F" position, then 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 the 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.

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 TPC Lube & Clean Spray. 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

DO NOT use under or oversized or bent burs and angles

DO NOT immerse instrument in water or use ultrasonic cleaner.

DO NOT use any type of disinfectant, chemical or soap on instrument. Use of chlorine products, aldehydes, etc. will damage handpiece and void all warranties.

DO NOT operate motor while changing speed range, changing direction or inserting/removing attachments.

DO NOT exceed 275° F (29 psi)/135° C (2 bar) in autoclave.

DO NOT dry heat or heat transfer sterilize.

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