



IMPORTANT NOTES

1. Safety Precautions

The Air Turbine Handpiece runs at an extremely high speed, such as 400,000 revolutions per minute. Improper handling of the handpiece, use of incorrect bur, improper mounting of a bur and extended use of noisy cartridge may lead to an accident and injury: premature ball bearing failure, bur walk-out, impairment of your hearing, etc. Follow the instructions below.

- a. Do not use a bent, damaged, or non-concentric bur.
- b. Use a bur of ISO-Standard shank diameter and the correct length as specified in the Owners or Operations Manual.
- c. Mount the bur into the chuck correctly as instructed in the said Manual.
- d. Replace the cartridge or send for repair as soon as abnormal conditions are noticed.
- e. Do not run the handpiece without a bur, or a bur loosely mounted.
- f. Always securely mount a bur in the chuck even when it is not in use.

2. Cleaning Of Handpiece:

- a. Do not use wire brush to clean the handpiece sheath. Wipe clean with alcohol-immersed cloth or cotton swab.
- b. Do not clean in an ultrasonic bath, boiling water, nor chemicals.
- c. To clean the turbine cartridge, spray a lubricant into the drive air turbine of the handpiece until a good amount of oil comes out of the head.
- d. Run for a while to drive out excess oil. Repeat until dirty oil does not come out of the head.

3. Lubrication:

- a. Adequate lubrication to the bearings is a must for an extended bearing life. Lubricate twice a day. We have had the best result with Pana Spray and we highly recommend it. We stock and sell Pana Spray at \$32.00 per can. (See 4 Sterilization for frequency of lubrication.)
 - i. Spray as described in 2c OR
 - ii. Supply 2-3 drops of oil into the drive air tube of the handpiece and run for a while.

4. Sterilization:

- a. Autoclaving is recommended.
- b. Do not use Dry-Heat sterilization.
- c. Autoclaving Procedure:
 - i. Clean the handpiece sheath.
 - ii. Clean the bearing with spray lubricant as described in 2c
 - iii. Lubricate as described in 3a
 - iv. Place the handpiece in an autoclaving pouch with one or both sides of paper and seal.
 - v. Autoclave at: 121°C for 20 minutes, or
132°C for 15 minutes
 - vi. Be sure to let handpiece cool to room temperature before running.
 - vii. Before using on a patient, run the handpiece for a while to drive out excess oil and check for any abnormalities.

Precision Handpiece Repair Company, LLC

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