

DENTAL HANDPIECE MAINTENANCE

HANDPIECE SOLUTIONS SUGGESTS THESE STEPS FOR MAXIMIZING THE PERFORMANCE OF YOU HANDPIECE

1. PRESSURE SETTINGS

Always follow the manufacturer's recommended pressure settings for your handpiece model. Most handpieces run between 30-40 psi. Running the handpiece at higher pressures will decrease the life of the bearings.

2. CLEANING THE OUTER CASING

Clean the outer casing with warm water and a soft bristle brush. Do not use strong soaps or detergents. You can wipe the handpiece with a damp cloth and some isopropyl alcohol. Do not soak handpiece in an ultrasonic cleaner, unless manufacturer specifically recommends to do so.

4. INSERT THE BUR

Insert a bur into the chuck and secure. Attach the handpiece connector or use the flush system.

Never run a handpiece without firstly inserting a bur as it can damage the bur holding mechanism.

3. LUBRICATING THE HANDPIECE

Now lubricate the handpiece with lubricant. Usually apply 2 bursts of around 3 seconds each if using spray type lube, or 2-3 drops of other types of lubricant. Ensure you are spraying into the proper port by using the proper spray adaptor.

5. FLUSHING OUT THE HANDPIECE

Run the handpiece at half-speed for 20 seconds. This will remove the excess lubricant and loose particles that may be present inside handpiece. The lubricant expelled from the handpiece should be clear. If the lubricant is not clear, repeat the steps above. Removing the excess lubricant and loose particles from inside the turbine casing will prevent damage to the bearings during the heat sterilization process and prolong turbine life.

6. CLEAN THE OPTICS

Before putting the handpiece into a sterilisation pouch, clean the optic lense (if applicable) with a cotton swab dipped in isopropyl alcohol. Any debris on the optics will attach itself to the lense during the sterilisation process.

7. PLACE IN STERILISATION POUCH

Now, remove the bur, and insert the handpiece into a sterilisation pouch. You should place the pouch with the paper side up to allow moisture to dissipate from inside the pouch. Try not to stack pouches on top of each other. **After the sterilisation process is complete allow the handpiece to cool down.**

8. POST STERILISATION

Some handpieces require lubrication after sterilisation. If this is the case, use a different lubrication can and nozzle (in order to prevent cross-contamination) and spray 1 burst for 2 seconds, or 2-3 drops.

9. FINAL STEP

Insert a bur into the handpiece and run at half-speed for another 20 seconds. Wipe away any excess lubricant with a clean gauze or cloth. Remove the bur.

Your handpiece is now ready for use.

Visit www.handpiecesolutions.ie for more tips.