

High Speed Handpiece

INSTRUCTIONS FOR USE

This handpiece is engineered and manufactured to provide exceptional performance, reliability and precision. The advanced turbine design and quality components assure quiet operation, high torque and years of dependable service. The handpiece is specifically designed to tolerate the rigors of repeated autoclaving. Please take a few minutes to thoroughly read the instructions for use to obtain peak performance and longevity from your new handpiece.

GENERAL INFORMATION

Important: *The Food and Drug Administration and The Centers for Disease Control and Prevention strongly recommend that handpieces be sterilized after each patient use.*

- Clean handpiece with a high-quality handpiece cleaner prior to the autoclave cycle.
- Lubricate handpiece with a high-quality handpiece lubricant and purge before each autoclave cycle.
- The fine wire provided is used to clean the air/water port(s) at the head of the handpiece.

BUR INSTALLATION/REMOVAL

The handpiece should only be operated with a bur securely in place. Caution: Do not use burs that are inappropriate (too long or short) for the handpiece. Burs must be able to be seated and locked in the chuck. **Athena Champion does not recommend the use of oral surgery burs at any time in our handpieces.**



(Figure 1)



(Figure 2)



(Figure 3)

For Jacob Chuck model:

1. Place bur changer (wrench #68010) over handpiece head while pulling back the knob (Figure 1).
2. Lightly push the knob down while turning lightly so the square tip of the tool engages the square tip of the chuck (Figure 2).
3. To loosen the bur, rotate the wrench handle 1/4 to 1/2 turn counter clockwise (Figure 3). Reverse to tighten.

Important: Do not over tighten. Do not tighten the chuck without a bur or bur blank in place. This will damage the chuck.

For Autochuck model:

1. Depress the button at the head of the handpiece firmly while pulling on the bur to remove from the chuck (Figure 4).
2. To insert a bur, push firmly on the button and insert the bur into the chuck until firmly seated (Figure 5).
3. Release pressure on the button to lock the bur in place. Pull on the bur to ensure that it has been fully seated and locked.

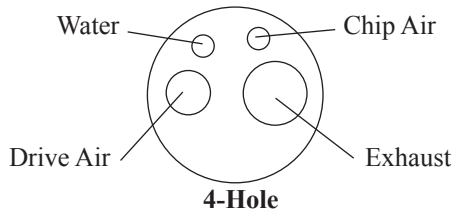
Important: Do not depress the button while the handpiece is in operation. This will release the chucking mechanism, the bur may be released prematurely and excess heat may be generated. Do not use the handpiece to retract the cheek or other soft tissue.



(Figure 4)



(Figure 5)




INFECTION CONTROL/STERILIZATION

It is important your handpiece be properly cleaned and lubricated at all times. The life of the bearings, “O” rings and rotating parts will greatly decrease if your handpiece is not maintained properly. Clean and lubricate the handpiece before each autoclave cycle.

Caution: *Wear masks, gloves and protective eye wear.*

1. Wash the handpiece exterior with germicidal detergent/cleanser. Do not use cold sterilants or solutions containing phenols, acids or chlorines. Rinse with clean tap water. Dry using a 2 x 2 gauze sponge.
2. Lubricate/clean handpiece using dental handpiece lubricant which will withstand autoclave temperature/pressure.
3. Spray lubricant/cleaner into drive air hole at back of handpiece until lubricant runs from the handpiece head.
4. Connect the handpiece to the air supply. Insert a bur/blank securely into the handpiece. Run the handpiece for 30-40 seconds. Dirt and debris will be expelled. Wipe exterior surface of handpiece with dry 2 x 2 gauze or disposable towel.
5. Remove the rotating instrument from the handpiece. Place the handpiece in a paper sterilization pouch or a sterilization pouch with at least one paper side. Place into a steam autoclave or chemiclave (we do not recommend dry heat sterilization). Sterilize at 250°F (121°C) and 128 Kpa for a maximum of 30 minutes. Do not exceed 275°F/135°C. ***Never immerse handpiece in cold sterilization or chemical disinfectants. Never autoclave with a bur in the handpiece.***
6. After removing the handpiece from the autoclave or chemiclave, allow the handpiece to return to room temperature before use.



Prior to connecting the handpiece, check that all tubing supplying the handpiece hose is properly connected with the dental unit. Make sure there are no restrictions in any of the lines. The handpiece and connector lines must align and nest properly. Operate the handpiece at 30-35 PSI (measured at the connector). Increasing the air pressure will not increase performance and will prove detrimental to the turbine.

Warranty: *This handpiece is warranted to the original purchaser against defective workmanship and materials under normal installation, use and service for six months from the date of purchase.*

For warranty repair, send the product with copy of the original invoice to your local dealer.

Your product will be repaired promptly and returned to you.