



HIGH SPEED HANDPIECE

OPERATION MANUAL

Caution:

In order to keep the handpiece operating normally, water accumulated in the compressor must be drained out ONCE A DAY. DAILY LUBRICATION IS ABSOLUTELY ESSENTIAL.

Working air pressure:

Operate the handpiece at pressures of 25 to 30 psi. Engineered to attain speeds of 300,000 at 25 psi, and 400,000 at 30 psi Attention:

This product is specialized for stomatology treatment, don't use it in other ways.

This product is high speed handpiece, be careful when you use it.

- This product is only for doctors.

Every time you use it, please check first. If find anything unnormal, stop using immediately, and contact your supplier.

The damaged handpiece will cause very high noise, using if for a long time will influence your audition. To avoid being damaged badly be careful not to drop or hit it.

Please use a bur of ISO-standard, ϕ 1.59-1.60mm, any other bent, damaged, or non-concentric burs will cause cartridge damaged badly.

While using a bur. Make sure that the bur's rotate speed and size fit the handpiece correctly.

Always securely mount a bur in the chuck, even while it is not in use.

Make sure that the rotation has stopped completely before replacing the cartridge or the bur.

Replacement of cartridge:

Removing old cartridge

Mount a dummy bur in the chuck, then turn the head cap counter-clockwise and remove the head cap. Push the dummy bur and cartridge is easily removed from the head

- Installing new cartridge

Insert new cartridge into handpiece head, being sure to align the small knob pin on the cartridge with the groove inside the front of the head, to insure proper fit. Mount and screw the head cap with fingers till tight. Further tighten with the head cap wrench.

When replacing head cap don't use the wrench at first. because the threads are very fine and can be easily stripped

Maintenance:

- Daily lubrication to the bearing is absolutely essential for extending its using life

After daily use, spray lubricant for 1 to 2 seconds by inserting lubricant nozzle all the way into drive air tube.

If the work is heavy, lubrication should be taken place after every morning and afternoon's using.

- Lubrication before autoclave.

Autoclave procedure:

After every using, autoclave procedure should be taken as follow:

Remove bur from handpiece and clean handpiece by scrubbing with a toothbrush and then use gauze towel to dry handpiece.

Lubricate handpiece.

Place the handpiece in an autoclaving pouch and make marks

Starting: 20 minutes at 121°C. 15 minutes at 135°C

Proper bur:

Do not use a bent, damaged, or non-concentric bur. Use a bur of ISO-standard: @ 1.59-1.60mm.

Remove of bur:

Pull the knob of the bur wrench back and attach to head of handpiece.

When you push in the knob the square tip of the wrench must fit into the square hole within the handpiece head.

To loosen bur, rotate wrench 1/4 turn counter-clockwise.

To tighten bur, rotate wrench 1/4 turn clockwise

- The bur should be inserted to the bottom as possible as you can otherwise it will come out easily and cause the bearing damaged