

High Speed Airturbine Straight Handpiece for Laboratory Use

J 320

Please be sure to read this manual before use, for your safety in using the equipment.

Please keep this manual where it is easily located by the user of equipment.



- Please be sure to use the equipment under the supervision of dental technician or dentist.
- Due to high-speed rotation, it could cause serious damage if the bur in rotation comes off. Please make sure that the bur is properly fixed in the chuck when it is in use.

FEATURE

- High speed, 320,000rpm, combined with large torque enhances both maneuverability and work efficiency.
- Lube Free Air Turbine Handpiece(for J 320). **! Do not Lubricate J 320**
- By using the tool attached (for J 320), you will be able to sure-mount even hair-thin shaped bur with no damage.

SPECIFICATION

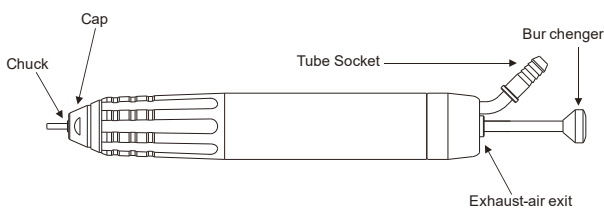
- Max. Rotation Speed : 320,000rpm
- Proper Air-Pressure : 0.30MPa(3.0kgf/cm)
- Max. Air-Pressure : 0.32MPa (3.2kgf/cm)
- Max. Air-Consumption : 35L/min
- Tube Socket with Air-Hose : 4mm ϕ
- Bur to be applied : FG type ISO Standard (1.6 ϕ)
- Chuck Ability : more than 30N(3.0 kgf/cm)
(Force of Withdraw)
- Spare Cartridge : CRT-100L(for J 320)

HOW TO USE

1. Connect with Air-Hose : Couple the hose for air-supply out of foot-controller with tube socket on the handpiece.
2. Change Bur :
 - Removal : Push off bur with the bur-changer pushed. Be careful not to jump off the bur.
 - Insert : In mounting thin bur, first, push the tip of bur into the round-hole on hexagon box-wrench, then, insert the other side of bur all the way till it hits the end of chuck. In mounting other types of bur into the HP, use tool which can protect the tip of bur.

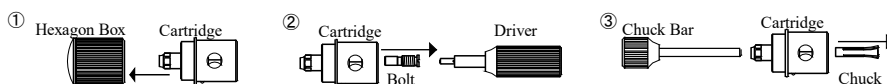
FORM, STRUCTURE

J 320



HOW TO CHANGE CHUCK

1. Fix one side of cartridge (the side to mount the bur) without bur into the hexagon box.
2. Screw off the bolt on another side of cartridge (the side to face handpiece body) by driver.
3. Take off the hexagon box, put the chuck bar into the chuck, and push it out.
4. Take the step 2,3 in reversed order, to return to the start.

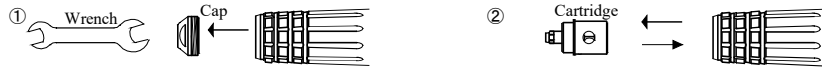


HOW TO CHANGE CARTRIDGE

1. Screw off the cap with the wrench enclosed.
2. Take out the cartridge and insert the new one specifically made for the handpiece. In placing in the new cartridge, see to it that the projection on it slides along with the groove inside. Otherwise the case could cause break-down.

(Note 1) Please clean the area where the cartridge is placed in, before the change.

(Note 2) The cartridge should be changed every 6 month use.



NOTE

- Proper air-pressure for handpiece use is 3kg/cm . The air-pressure higher than it could reduce the life-span of cartridge.
- Please use the handpiece after the cap is tightly fixed with the wrench attached.
- The handpiece runs with high-speed, at 320,000rpm maximum. Use the protection goggle for your safety. Do not point at other people.
- Do not disassemble, nor fiddle with inside the handpiece.
- Damage on ball-bearing, caused by strong impact such as fall, could lead to break-down.
- Immediately stop operation when abnormal noise is emitted in use.
- Mount the bur after it is cleaned off.
- The handpiece is precision equipment. In order to maintain proper air supply, check the air control device at least once a month.
- When the dirt starts to be detected on the regulator filter, conduct cleaning after drain-off.

STANDARD ACCESSORY

J 320

- Wrench
- Hexagon Box
- Chuck Bar
- Driver

WARRANTY and REPAIR

Trouble, which occurs due to material defect or despite with correct use as operation manual states, during the period specified below, is covered under warranty by the manufacturer.

Quality deterioration caused by drop of Handpiece will be excluded from warranty coverage.

Warranty Period : Cartridge 3months/Sheath and Other 1 year

Connection Map

