20:1 Contra Angle handpiece Operation Manual

Dear dentist:

Thanks for choosing our handpiece, and hopes that you will benefit greatly from working with your new product. Please observe the following notes to assure continued trouble-free, economical and safe product operation. In case of any products fault, please consult local Customer Assistance.

Presentation

1. 20:1 contra angle 1 piece
2. Cap wrench 1 piece
3. Operation manual 1 sheet
4. E type oil nozzle 1 piece
5. Internal water pipe 1 piece
6. Pipe fixture 1 piece

Technical Data

Torque：≧55N•cm
Max rotation speed：2000r/min

Application

Professionally used by dentists as oral operative surgery tools for dental implant.

Notes & Cautions

1. Notes before operation
●The product is available for dental motor implant system in accordance with ISO standard only, otherwise will damage the handpiece or destroy the bone of patient.
●Only to be used by a qualified dental practitioner.
●Before using, please check burs and function of the chuck at outside of oral cavity of patients, if loose, too much vibration, irregular noise and too much heating up etc, please dot not carry on.
●Avoiding crash and drop.
●Forbidding disassembling or conversion.
●Please keep at least one spare handpiece of same function.
●It shall be sterilized before handpiece is used at the first time and after treatment.
●Do not insert or remove bur while the bur is in motion.
●Please use standard bur or drill.
●Please do not exceed the max rotation speed of the bur or drill.
●Please keep the bur or drill be clean. Any other foreign particles get inside, it may cause vibration, weak chucking power or other abnormalities.

2. Notes in operation
●Please do not operate without bur or drill.
●Please do not push the back cap while the handpiece is in motion, that will cause the handpiece damage or the bur brust out.

3. Notes after operation
●Please cleaning, lubricating and autoclaving after treatment. The blood will make the cartridge corrosion.
●The handpiece will heat up if lack lubricating.
●Please do not use the acid solution to scrub, inject or soak the handpiece.
●Please check the function before long time not use.

Explain of the fiture symbol



Sterilization temperature

Operation Instruction

1. Insert or remove bur or drill
1) Inserting(Fig.1,Fig2)
Press the push button firmly, insert bur and turn the rod in clockwise direction, till the bur to the end.

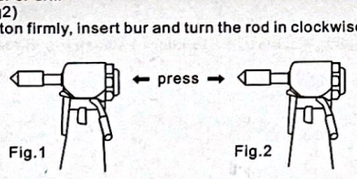


Fig.1 Fig.2

2) Removal
Press the push button firmly and remove the bur. (Fig.3)

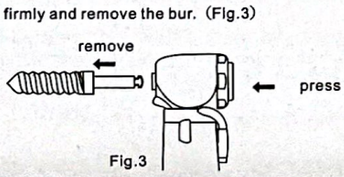


Fig.3

2. Handpiece inserting & removal
1) Inserting
Insert the handpiece into the motor and turning all the way until it click to stop. (Fig.4)

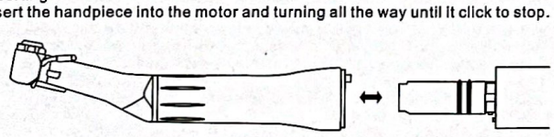


Fig.4

2)Removal
Grip both handpiece and motor respectively, pulling and separating.

Notes:

Please do not insert or remove handpiece before motor complete stop turning.
Compatible with dental motor implant system in accordance with ISO standard.
Compatible with the electro-motor .
The structure of connector conform with ISO3964 standard.

3. Water Spray
1) External water spray
Connect the water pipe and the external water spray pipe of handpiece.(Fig.5)

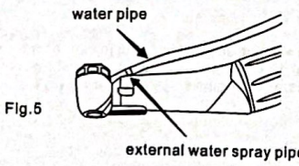


Fig.5

2) Internal water spray
Use internal bur to operate. Water pipe connect to the internal water spray pipe, and make the internal water spray pipe fixed with the pipe fixture. (Fig.6)

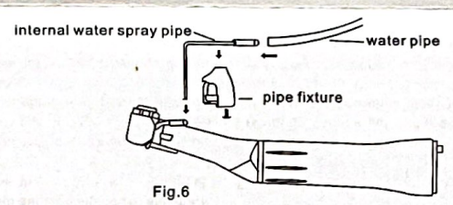


Fig.6

3) Mixed water spray
Use internal bur to operate, and follow step 1 and 2.

Maintenance & Care

1. Cleaning
Remove bur from handpiece after using and brush. soak the head into clean water and operate for 15 seconds(Fig.a-h). Then autoclave handpiece.

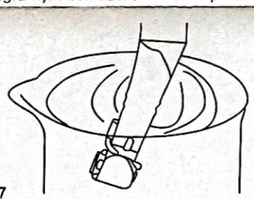


Fig.7

If the handpiece is the type of head can remove one, please take off the head and wash it and the body with clean water.
2. lubricating (Fig.7)
Lubricate oil with E type oil nipple insert the handpiece and spray 2 or 3 seconds.

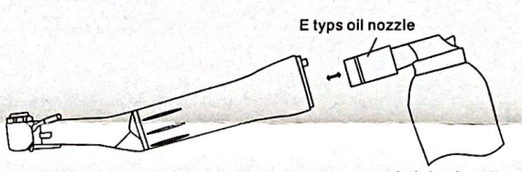


Fig.8

If handpiece head dirty enough, please remove the back cap with spanner and spray oil inside(Fig.8 and 9).

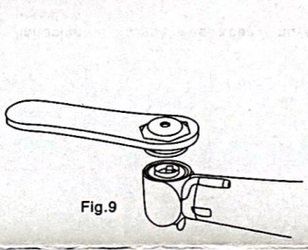


Fig.9

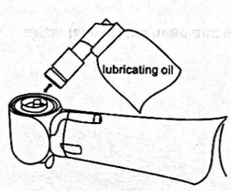


Fig.10

Please lubricate handpiece per 30 minutes while working continuous.

3. Sterilization
It shall be sterilized before handpiece is used at the first time: Autoclave the handpiece for 12 min. at 135℃
After each treatment, sterilizing handpiece in autoclave according to the following steps:
1) Remove the bur and brush clean handpiece, clean outside of handpiece with an alcohol solution.
2) Lubricate handpiece.
3) Place into autoclaving pouch and mark.
4) Autoclave the handpiece for 12 min. at 135℃.
Note:
● Please do not use the acid solution to scrub, inject or soak the handpiece.
● Please do not autoclave the handpiece with residual chemical substances.
● Handpiece should be packed well and place at clean and dry room without dust, sulfur and salt.
● Please do not touch the handpiece immediately after autoclaving.

Warranty term

1. This product is warranted against manufacturing defects for one year from the date of effective delivery of the product. Bearing and cartridge is warranted 12 months.
2. The warranty is limited to the repair or replacement of parts having manufacturing defects duly evidenced by the manufacture or by the Authorized Technical Assistance Network.
3. This dose not include the repairing of fault due to non-observance of the use and maintenance instructions, tumbles or beats, impropriety storing, action of natural agents and technical assistance carried out by non-authorized personnel.
4. This warranty ceases due to the normal course of the validity term, due to alterations introduced in the product or use of improper fittings and due to technical assistance carried out by non-authorized personnel.
5. The repair or replacement of parts within the warranty period will not extend the original validity term of the warranty.
6. This warranty limited to the repair or replacement of defective parts, not including parts subject to natural wear, obeying the conditions of the foregoing items.
7. Charges resulting from transport of parts of the own product will be the customer's responsibility.
8. This warranty is valid in the country where the sales documents was permitted.