Geared Angle Handpieces

Operation Manual CX235C1

This product is a dental endo motor accessories, used in dental treatment with endo motor handle connection, the root canal treatment for teeth.

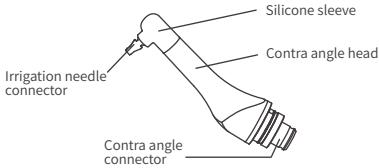
Before operation, please be sure to read these instructions carefully and keep them in a safe place for reference.

CE 0197

⚠ Warning:

- Read this Operation Manual before use to fully understand the product functions and file for uture reference;
- When operating the product always consider the safety of the patient;
- Perform running tests before use, and stop using the contra angle if you feel it is abnormal or has been damaged;
- Users are responsible for the operational control, maintenance and continual inspection of this product;
- Do not attempt to disassemble the contra angle head or tamper with the mechanism;
- Do not connect or disconnect the contra angle head or irrigation needle the drive motor has completely stopped;
- If the product function abnormally, cease operation immediately and contact your dealer;
- Depressing the Push Button while the contra angle head is in operation may cause overheat, serious technical damage and possible premature contra angle head failure. During operation avoid contacting with any oral tissue that may cause the Push Button to be depressed while the contra angle head is in operation;
- Please use standardized irrigation needle. The use of bent, cracked, deformed, damaged or out-of-specification irrigation needle may result in injuries such as sudden breakage or flying out of the irrigation needle during the rotation process;
- When using a irrigation needle, it is necessary to know whether the specifications of the irrigation needle are compatible with the use of bending machine;
- During the treatment operation, it should be ensured that there is sufficient liquid in the endodontic treatment. It is strictly forbidden to use the device in a dry root canal;
- During the treatment procedure, the contra angle needs to be placed in a disposable protective sleeve to work;
- Disposable protective sleeve are for single use only. If the irrigation needle and disposable protective sleeve are used incorrectly, the patient will be at risk of cross-infection;
- After the treatment process, please remove the used irrigation needle and disposable protective sleeve and dispose of them safely according to medical recycling procedures;
- Do not use high acid water or sterilizing solutions to wipe, immerse or clean the product;
- The products are delivered in a non-sterile condition and must be sterilized prior to use;
- Perform regular function and maintenance checks;
- If the product is not used for a long period check it is functioning correctly before using on a patient;
- Don 't immerse contra angle head in any chemical solvent or solution or by dry-heat disinfection. Sterilization by autoclave at (134 °C&0.22MPa) is suggested.

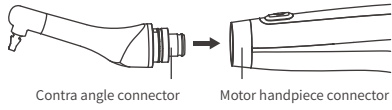
1. Structural components



2. Connecting/Disconnecting contra angle head and Motor

2.1 Attaching

1) The contra angle head could be connected with the motor handpiece at 6 adjustable head positions. align the positioning pins of the contra angle head with the positioning slots of the motor handpiece and insert the head until they click;
2) The contra angle can be rotated 360°after connection.



2.2 Detaching

When removing the contra angle head, pull it out axial.

⚠ Warning:

- When attaching and detaching the contra angle head, turn off the power before hand;
- Check that the contra angle head is securely assembled to the motor handpiece.

3. Installation and disassembly

3.1 Disposable protective cover

Put the disposable protective sleeve on the outside of the contra angle.



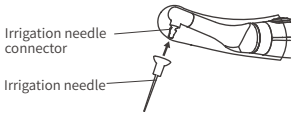
Put on the disposable protective sleeve

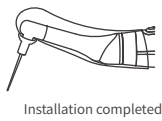
3.2 Dental Irrigation Needle

⚠ Warning:
Please choose the appropriate dental irrigation needle. This product comes in three sizes: White 1502/ Red 2504/ Green 3504.

Attaching:
Hold the top of the silicone sleeve of the contra angle, hold the neck of the dental irrigation needle, and gently push it into place.

Detaching:
Support of the handpiece and pull the irrigation needle. Keep the handpiece and irrigation needle aligned during the removal process.




Installation completed

4. Maintenance

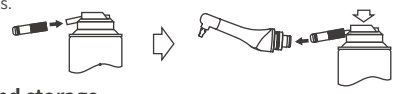
⚠ Caution :
After each use or before each autoclaving.

4.1 Cleaning
Scrub dirt and debris from the contra angle head, and wipe clean with alcohol-immersed cotton swab or cloth. Do not use a wire brush.

4.2 Sterilization
The contra angle head can be autoclavable up to max.134°C. 134°C

⚠ Caution :
- Only the contra angle can be autoclaved and sterilized.
- Do not wash soak, or wipe off the handpiece within the oxidation potential solution (strong acid, super acid solution) or sterilized solution;
- Do not autoclave the equipment which with residual chemical it may cause a peel off the plating or exert a harmful influence to internal parts;
- Store it in a place where the handpiece is not subject to aiur with dust, sulfur or salinity;
- Don't touch the handpiece just after the autoclave, it is extremely hot.

5. Lubrication
1) Disconnect the handle from the moto;
2) Remove the bur from the handpiece;
3) Mount the tip nozzle into the spray can port (Fig.6);
4) Insert the tip nozzle into the drive air port of the handpiece. Hold the handpiece and spray for approximately 2-3 seconds. Apply lubricant until it expels from the handpiece head for at least 2 seconds.



6. Transport and storage

Operating environment	**Transportation and storage conditions**
Ambient temperature : +5°C - +40°C	Ambient temperature : 10°C - +55°C
Relative humidity : 20%RH - 80%RH	Relative humidity : ⩽93%RH
Air pressure : 86kPa-106kPa	Air pressure : 50kPa-106kPa

7. Standar Symbols

Refer to instruction manual/booklet | SN Serial number | Manufacturer

Caution | Type B applied part | Thermodisinfectable | CE 0197 CE Marking

EC REP Authorized representative in the European Community/European Union

Do not dispose of the product into the ordinary municipal waste or garbage system

134°C Sterilizable in a steam sterilizer (autoclave) at the 134° C

8. Warranty
COXO grants the user a 12 months guarantee for its complete product range , except ball bearing (3 months guarantee) from the date of invoice issued Maintenance over the term of guarantee will be at the customer's charge. COXO will not be responsible for damage or injury resulting from.
---- excessive use;
---- improper manipulation of the product, or modification to product carried out by persons not authorizes by COXO;
---- fail to follow the instruction to install , operate and maintenance the handpiece;
---- damage of chemical, electrical or electrolysis due to improper autoclaving and storing;
---- improper working pressure;
The technical specifications and dimension in these instruction are given only a guide.
They may not be subject of any claim.

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