



Please read this Operation Manual carefully before use, and file for future reference.

MADE IN JAPAN
OM-C0236E002



This operation manual is for : MPA-F, MPA-F4R, MPA-F10R, MPA-F16R, MPA-F20R, MPAS-F, MPAS-F4R, MPAS-F10R, MPAS-F16R, MPAS-F20R
Please use MPA, when you use regular shank file. MPAS is used when using short shank file, such as K3*, EndoWave* etc.

1. Mounting procedure

- ① Remove the Rubber Cap on the backside of motor handpiece body with slotted bit screw driver and insert the Connection Cord Clip. (Fig.1)

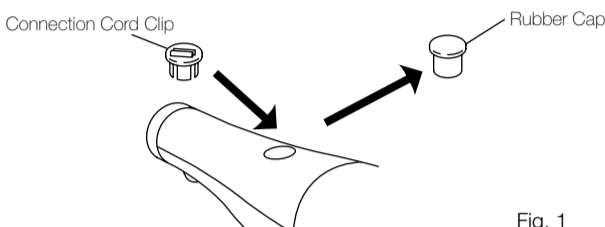


Fig. 1

- ② Mount Contra Angle Head to motor handpiece. Pull out the head straightly when removing/replacing the head.

- ③ Insert the Connection Cord into the slit of Connection Cord Clip. Adjust the tension of the Connection Cord between the head and the Connection Cord Clip not to be slack. (Fig.2)

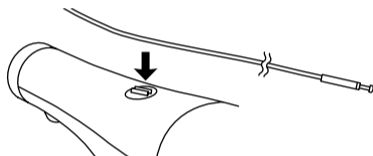


Fig. 2

- ④ Connect the Contra Angle Head Connection Cord with the Clip of Apex locator. (Fig.3)

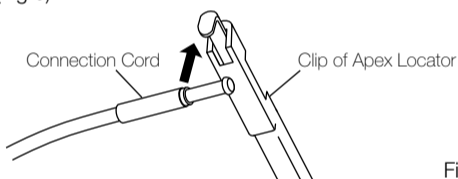


Fig. 3

- ⑤ Insert the Endodontic file into the head. Lightly turn the file until it engages with the latch mechanism. (Fig.4) Push it inward to click. (Fig.5) Removal file
Push the push button with a thumb, and the file is removed. (Fig.6)

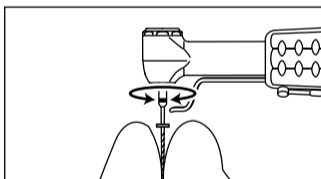


Fig. 4

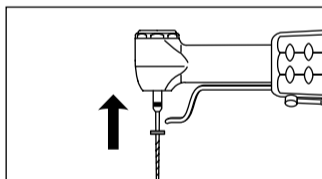


Fig. 5

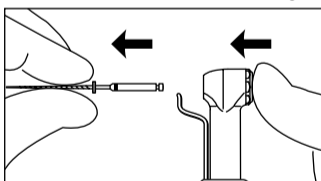


Fig. 6

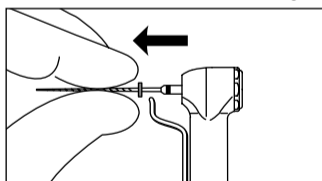
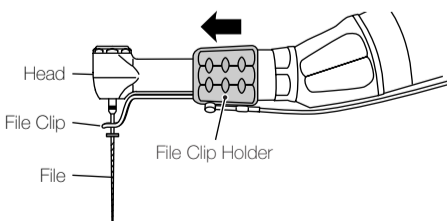


Fig. 7

⚠ Caution

After the file is locked in place, lightly pull out the file to make sure the file is locked. (Fig.7)

- ⑥ Mount the Endodontic file to the Contra Head and slide the File Clip Holder to the head direction to contact the Endodontic file and File Clip. (Fig.8)



※Figure shows MPA.

Fig. 8

⚠ Caution

- Be sure that the Endodontic File and the Connection Cord End have conduction of electricity before probing the root canal treatment.
- Slide back the File Clip Holder to motor direction when replacing the Endodontic file and/or when not using Apex locator function.
- Do not bend the File Clip.

- Connect/Disconnect the cord.

(1) To connect

- ① Insert the Cord Mounting Pin at the end of the cord into the hole on the Motor Handpiece body. The cord should be at right angle to the body.
- ② Rotate the cord 90° until the cord seats correctly.

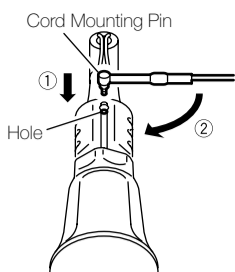


Fig. 9



Caution

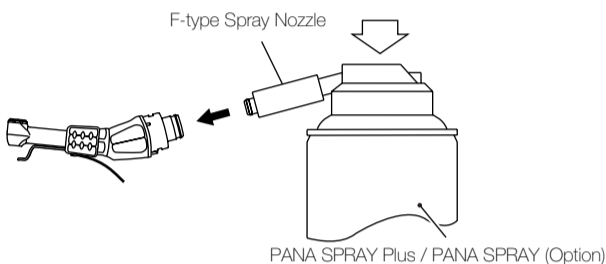
Do not force to pull the Connection Cord.

2. Lubrication

Supply PANA SPRAY Plus / PANA SPRAY or/and Care3 Plus (option) after each use and/or before each autoclaving.

■ PANA SPRAY Plus / PANA SPRAY

Screw the F-type spray nozzle onto the PANA SPRAY Plus / PANA SPRAY nozzle by approx. 10 turns. Insert the F-type spray nozzle into the rear part of the contra angle head and lubricate the head for 2-3 seconds. (Fig.10)



※Figure shows MPA.

Fig. 10



Caution

- Before mounting the lubricated Contra Angle Head to the motor handpiece, wipe off extra oil. Stand on its end or lean it in the proper position for gravity draining. Mount it after excess oil has been completely drained.
- Hold the Contra Angle Head securely to prevent it from flying off by the pressure of the spray.
- Hold the spray can upright.

■ Care3 Plus

NSK Care3 Plus automatic handpiece cleaning and lubrication system. After connecting the handpiece to the correct adaptor, activate the Care3 System per the Care3 System instructions.

3. Sterilization

Steam autoclave is recommended.

Sterilization is required first time you use and after each patient.

■ Autoclave Procedure :

- ① Scrub dirt and debris from the handpiece, and clean with alcohol-immersed cotton swab or cloth. Do not use a wire brush.
- ② Lubricate with PANA SPRAY Plus (Option). Refer to 2. Lubrication.
- ③ Insert into an autoclave pouch. Seal the pouch.
- ④ Autoclavable up to max. 135°C.
ex.) Autoclave for 20 min. at 121°C, or 15 min. at 132°C.
- ⑤ Keep the handpiece in the autoclave pouch to keep it clean until you use it.

* Sterilization at 121°C for more than 15 minutes is recommended by EN13060 or EN554.



Caution

- Cord Clip is not autoclavable.
- Do not wipe with, or clean or immerse in, high acid water or sterilizing solutions.

CE The EU directive 93/42/EEC was applied in the design and production of this medical device.

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