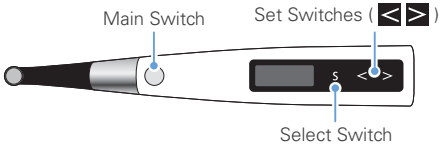
Tri Auto ZX2 Quick Guide

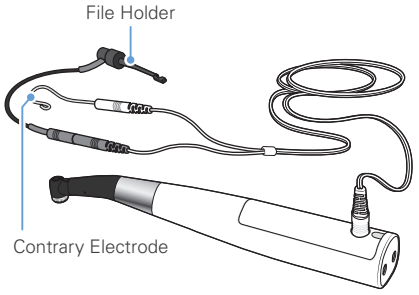
MORITA

Do not fail to read the Operation Instructions before using this instrument.

Preparation see back page | Treatment | Maintenance see back page

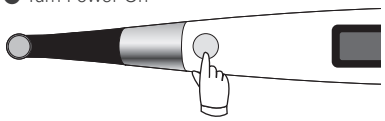
Parts Identification





Basic Operations

● Turn Power On



● Turn Power Off

● Memory Selection

1. Shape Upper Part of Canal

Memory m2
Mode CW

1. Turn power on.
2. Select memory "m2".
3. Install a file.
4. Shape upper part of the canal.
   The Main switch is used to start and stop the motor.

2. Canal Measurement

Memory m1
Mode EMR

1. Select memory "m1".
2. Hook the contrary electrode in the corner of the patient's mouth.
3. Clip the file in the file holder.
4. Advance the file to 0.5 meter bar, and then position a rubber stopper.

! For canals that are hard to measure, refer to "Canal Shaping (for complex canals)" in the Operation Instructions.

! Use only files that are designed for clockwise filing. Use files very carefully and follow all the recommendations of the manufacturer.

! These instructions are for the default settings. If you change the settings, use the instrument according to your own treatment procedures.

Default Settings

Almost all canals can be treated with the memories from m1 to m4.

● Default Memory Settings and Main Uses

Memory	Mode	Main Uses
m1	EMR	Canal measurement
m2	CW	Shape the upper part of canal.
m3	OGP	Negotiation and making a glide path for a normal canal.
m4	OTR	Canal shaping for a normal canal.
m5	OGP	Negotiation and making a glide path for a complex canal
m6	OGP	Making a glide path for a complex canal
m7	OTR	Canal shaping for a complex canal.
m8	CCW	Injection solutions such as calcium hydroxide, etc.

To create a smooth path for canal shaping.

3. Glide Path

Memory m3
Mode OGP

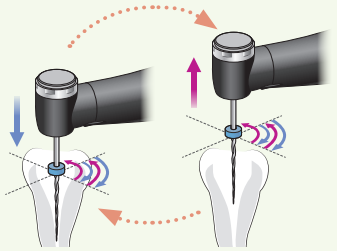
Files
- Nickel-Titanium: #10 – 20(t02)
- Stainless Steel: #10 – 15(t02)
- Glide path files

1. Select memory "m3".
2. Install a file.
3. Hook the contrary electrode in the corner of the patient's mouth.
4. Make the glide path.

Hint

● Pecking Motion (for OGP)

Repeat pressing lightly for 1 second and then pulling back.



Thoroughly wipe off all debris stuck to the file.

4. Canal Shaping

Memory m4
Mode OTR

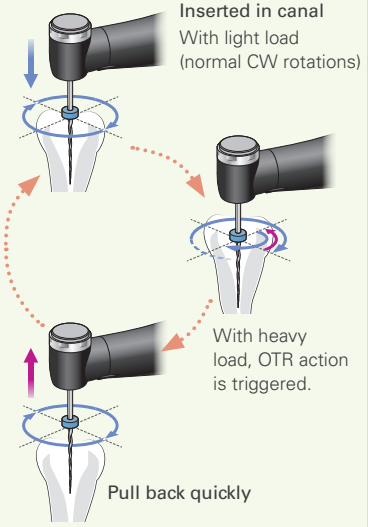
Files
- Nickel-Titanium: #20 and larger shaping files

1. Select memory "m4".
2. Install a file.
3. Hook the contrary electrode in the corner of the patient's mouth.
4. Perform canal shaping.

Hint

● Pecking Motion (for OTR)

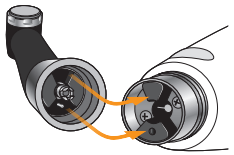
Pull back when OTR action is triggered and then repeat.



Preparation

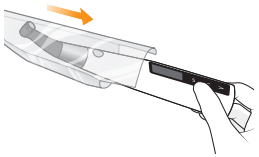
Component Assembly

1. Connect the contra angle.



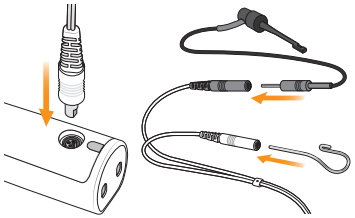
2. Put on a HP protective sleeve.

   A new sleeve must be used for each patient.



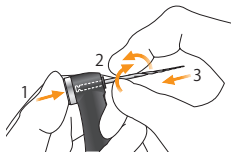
3. Connect the probe cord.

   Connect the file holder to gray connector and the contrary electrode to white one.



4. Install a file.

   Hold down the push button on the contra angle and insert the file. Turn the file back and forth until it is lined up with interior latch groove and slips into place.
   Release the button to lock the file into the contra angle.



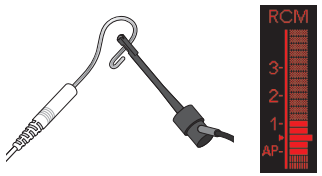
ⓘ Make sure the file will not come out.

Checking the Function

1. Turn power on.
2. Select memory "m2".
   Press the Main switch and make sure the motor runs smoothly.

   *Any memory except EMR mode may be used.

3. Touch the contrary electrode with the clip on the end of the file holder and check that all the indicator bars on the meter in the LCD display light up.



4. Touch the contrary electrode with the file and check in same way.

Calibration

Calibrate the instrument at the following times:

- Right after purchase.
- Whenever the contra angle has been replaced.
- Whenever, in OTR mode, the instrument always alternates between forward and reverse rotation and never rotates forward continuously.

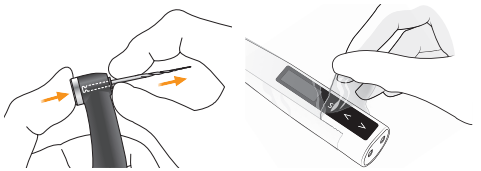
☞ "Calibration" in the Operation Instructions.

After Use and Maintenance

After Use

ⓘ Always turn the instrument off.

1. Remove the file.
2. Take off the HP protective sleeve.
3. Charge the battery.



Maintenance

Autoclavable Components


Contra Angle


Contrary Electrode


File Holder


Handpiece Holder


External File Electrode (with cap)


Long File Holder

1. Wash with running water and dry.
2. Use a threeway syringe etc. to blow dry all moisture.
3. Wipe the components with a piece of gauze that has been dampened with Ethanol for Disinfection (Ethanol 70 to 80 vol%) and wrung out thoroughly.
4. Lubricate only the contra angle with the LS SPRAY or MORITA MULTI SPRAY.
5. Put components in individual autoclave pouches.
6. Autoclave the components.

   ☞ "Recommended Temperature and Time" in the Operation Instructions.

Components Sterilized with Ethanol for Disinfection


Motor Handpiece


Probe Cord


Battery Charger


AC Adapter

1. Wipe the components with a piece of gauze that has been dampened with Ethanol for Disinfection (Ethanol 70 to 80 vol%) and wrung out thoroughly.

Component Washed and Sterilized with Ethanol for Disinfection

Guide Bar

1. Wash with running water and dry.
2. Wipe the components with a piece of gauze that has been dampened with Ethanol for Disinfection (Ethanol 70 to 80 vol%) and wrung out thoroughly.

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