

Advance 750/ 800 Operations Manual

- Step #1: Push button to “On” position. Power indicator will be on, unit in stand- by mode.
Push button to “Off” position. Turn off the unit; the power will gradually become weaker until completely off.
- Step #2: Push foot control to increase scaling function. Remove pressure to foot control to decrease scaling function.
- Step #3: Scaling Handpiece: The handpiece is fitted to the cord socket by means of a simple quick connect fitting. Do not screw. Pull to release handpiece for autoclaving. Push to fit handpiece onto handpiece connector.

To prevent self locking, the tip should be dismantled once a month. If the vibrating output becomes weak, tighten the tip using the tip wrench slightly.

Scaling Tip & Handpiece Maintenance

- 1.) Scaling tip should be sterilized by disinfectant solution or autoclave before and after usage.
- 2.) Scaling handpiece should be wiped with disinfectant solution or sterilized by autoclave before or after use.
- 3.) Precautions for fitting tips: Use fingers to rotate scaling tip into handpiece axis firmly
- 4.) If the tip is vibrating but without water flowing, STOP using the scaler immediately. The scaler must be used with normal water flow to prevent overheating of the handpiece.

Scaling Function

- 1.) Do not apply the tip directly onto the tooth.

- 2.) The insert is applied firmly but without direct pressure.
- 3.) The handpiece follows a slow and consistent to and from (linear) movement.

Endo Holder & File

- 1.) Use wrench to fit holder onto handpiece firmly.
- 2.) Use wrench to fit chuck onto holder slightly.
- 3.) Place file into chuck. Tighten chuck firmly to file.

Endodontic Function

Tighten moderately with wrench when combining handpiece, endo-holder, chuck and file.

Place rubber stopper at the suitable position on file.

Adjust the power and water spray of the unit to desirable level.

Fill the root canal with irrigating liquid. Place file into the root canal to begin treatment.

Maintenance of Advance 750

Handpiece: The scaling handpiece is autoclavable. (DO NOT PLACE THE HANDPIECE INTO DISINFECTANT SOLUTION OR INTO ULTRASONIC BATH)

Endo- Holder & File: All disinfectant processes are acceptable.
You may place endo file and file in ultrasonic bath or autoclave.

Power Supply: Prior to use, read the label of specification on the back of the control box to verify line voltage corresponds to your power source.

Remove the power cord if the scaler is not in use for extended period of time.

Trouble Shooting of Advance 750

<u>Fault</u>	<u>Possible Cause</u>	<u>Solution</u>
Water flows from tip, But no vibrating output	<ol style="list-style-type: none"> 1. The tip is incorrectly tightened 2. The tip has changed shape 3. Handpiece line is broken 4. Handpiece is broken 5. PC Board is burned out 	<ol style="list-style-type: none"> 1. Tighten tip with less strength 2. Replace tip 3. Replace handpiece line. 4. Replace the handpiece 5. Replace the PC Board.
Water flows from the tip, But the vibrating output is weak	<ol style="list-style-type: none"> 1. The tip is incorrectly tightened 2. The tip has changed shape 3. Handpiece is broken 4. PC Board is burned out. 	<ol style="list-style-type: none"> 1. Tighten tip with less strength. 2. Replace the tip. 3. Replace the handpiece. 4. Replace the PC Board.
Tip vibration, sometimes strong, Sometimes weak	<ol style="list-style-type: none"> 1. Incorrect tip is begin used. 2. Out of frequency 	<ol style="list-style-type: none"> 1. Replace the tip and use correct tip. 2. Re-adjust frequency.
Vibration output can not be adjusted By the power knob	<ol style="list-style-type: none"> 1. PC board is burned out. 	<ol style="list-style-type: none"> 1. Replace PC Board.
Power lamp is lighting, but no Vibration or water from tip	<ol style="list-style-type: none"> 1. Pedal is defective 	<ol style="list-style-type: none"> 1. Replace the pedal.
Power lamp is lighting, but Vibration & water are intermittent	<ol style="list-style-type: none"> 1. Pedal is nearly defective 	<ol style="list-style-type: none"> 1. Replace the pedal.
Power lamp is lighting, but the Vibration is intermittent (water flow is normal)	<ol style="list-style-type: none"> 1. Handpiece line is broken 	<ol style="list-style-type: none"> 1. Replace the handpiece
Power lamp fails to light & unit Fails to operate	<ol style="list-style-type: none"> 1. Plug in not pushed in 2. Fuse is blown 3. No power 	<ol style="list-style-type: none"> 1. Check the electric socket. 2. Replace the fuse 3. Check the electric source
Water leakage at the joint of Handpiece and cable connector	<ol style="list-style-type: none"> 1. O ring inside handpiece is loose or broken 	<ol style="list-style-type: none"> 1. Replace O ring
Water leakage at the tip of the insert Upon release of the pedal	<ol style="list-style-type: none"> 1. Impurities preventing the sealing of the solenoid valve 2. Solenoid valve is defective 	<ol style="list-style-type: none"> 1. Clean the impurities in the valve by air 2. Replace the solenoid valve.
Unit is operating, but no water flows From the handpiece	<ol style="list-style-type: none"> 1. Impurities preventing water flowing from the handpiece 2. Impurities preventing the sealing 3. Water hose is not connected 	<ol style="list-style-type: none"> 1. Blow air into both ends of handpiece to clean out impurity 2. Clean the impurities in the valve by air 3. Connect the water hose.