



MODEL 25/30 ULTRASONIC SCALER OPERATING INSTRUCTIONS



Thank you for choosing the new Tony Riso Model 25/30 Ultrasonic Scaler. This unit utilizes state of the art microprocessor technology and the highest quality components. It is designed and engineered for years of trouble free use, with proper maintenance. Please read the entire instruction sheet carefully before operation of your unit. *We recommend against the use of ANY ultrasonic device in cases where the operator or patient has been fitted with a cardiac pacemaker.*

You will find the following items when you unpack your Tony Riso Model 25/30 Ultrasonic Scaler:

- Electronic and water system, contained in the case
- Foot Control Pedal
- Handpiece (black) with an 8-foot long cable
- Power Cord
- Waterline with Male Quick Disconnect

SETTING UP THE MODEL 25/30

Choose a flat secure surface on which to place the unit.

Connect one end of the power cord firmly to the back of the unit at the **AC INPUT RECEPTACLE**. Connect the other end of the power cord to an electric outlet.

The **Model 25/30** is furnished with a standard water line with one end already connected to the unit and the other end connected to a male quick disconnect. Plug the male quick disconnect into a female water connector. Because tap water may contain large amounts of particulates, we recommend that you use either finely filtered or distilled water to protect the water circuitry from particle contamination during operation.

TO OPERATE THE MODEL 25/30 SCALER UNIT

Turn the unit on by pushing the **ON/OFF SWITCH**. The **POWER ON** indicator will light up.

The handpiece **must** be lubricated with water before any insert is placed in it. Prior to placing an insert into the handpiece, depress the foot pedal until water runs out of the handpiece.

Place an insert into the hand piece. Make sure the insert is firmly seated. If the insert fit is tight you may lubricate the, “O” ring of the insert with water, K-Y jelly or petroleum jelly.

Depress the foot switch and adjust the **WATER CONTROL** so that water is flowing out of the ultrasonic insert and you achieve disbursement of the water by the vibrating tip (halo effect).

Adjust the **FREQUENCY TUNER CONTROL** gradually to the left for a 25K insert or gradually to the right for a 30K insert. When the tip of the insert is vibrating smoothly and disbursing the water into a mist, you have found the optimum tuning point (OTP). Pass that point slightly and then rotate the tuning control counter clockwise and return to the OTP.

You may have to increase the power and/or water setting until the correct combination is reached.

Although the unit has a broad power range from low to high, you may need to reduce the power for certain sub-gingival scaling techniques even further by “taking the insert slightly out of tune”. First, find the optimum tuning point and then move the tuning control slightly to the left or the right.

If your scaler is equipped with an in-line water filter check the filter housing for debris (non-white material) on a monthly basis. Change the filter to a fresh one when the debris covers half the face of the disc inside the filter housing. New filters are available from the Tony Riso Company.

Note: Ultrasonic insert efficiency varies based on manufacturer, tip configuration, usage, wear, etc. Since the Model 25/30 features manual tuning, you will be able to use some inserts in the manual mode which would otherwise need to be discarded due to lack of power or inability to lock onto the optimum frequency, if using an auto-tune scaler.

For customer service:

Call: (305) 466-5681

Monday – Thursday: 9:00 AM to 8:00 PM ET

Friday 9:00 AM to 5:00 PM ET

Fax :(305) 466-5716

Email: customerservice@tonyriso.com

2641 NE 186 Terrace North Miami Beach, FL 33180-2624

www.tonyriso.com ♦ CustomerService@tonyriso.com ♦ (305)466-5681 ♦ Toll Free: (866)986-6974