Pack-up Procedures for the Q50/Q500/2950/2050

This procedure will outline the steps needed to prepare the Q TGA for shipment.

NOTE: Before starting this procedure, remove all hangdown wires, pans, water and gas lines from the instrument.

1. Remove the balance housing cover by removing the six retaining screws (Figure 1).
2. Remove the balance side covers (Figure 2).
3. Install the foam shipping inserts (Figure 3).
4. Re-install the balance side covers. Re-install the balance housing cover.
5. Raise the furnace.
   a. Q50 – Press the furnace button on the front of the instrument.
   b. Q500 – Press the “Control Menu” button on the LCD screen. Then press the “Furnace” button.
   c. 2950/2050 – Press the furnace button.
6. Install the furnace shipping support. Using a 3/8\textsuperscript{th}“ wrench, tighten the foot under the furnace. Next, use a ½” wrench to tighten the locknut in place (Figure 4).
7. If the TGA has an EGA furnace installed, see figure 5 for the shipping bracket installation.
8. Shutdown the instrument.
   a. Q50 – From the instrument control on the computer. Click on the “Control” pulldown menu and select “Instrument Shutdown”. Follow the prompts.
   b. Q500 – Press the “Display Menu” button on the LCD screen. Press the “Shutdown” button. Follow the prompts.
   c. 2950/2050 – Turn off the power switch.
9. Carefully remove the feet from the bottom of the instrument and put the instrument on the shipping pallet and bolt it down.
10. The unit is now ready to ship.
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Figure 3

Figure 4

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Pack-up Procedures for the Q50/Q500/2950/2050

EGA Furnace

EGA Shipping Bracket (short standoff)

Figure 5