

1. Remove the back cabinet.

- a. Using a 1/8" Allen wrench remove the eight screws (four on each side of the instrument) that secure the back cabinet onto the instrument. Set aside the screws for later use. See Figure 1.
- b. Lift up, then pull back so the handles on each side slide out of the notched groove. See Figure 2.

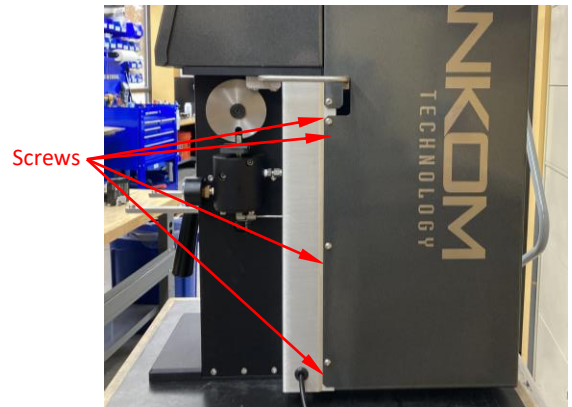


Figure 1

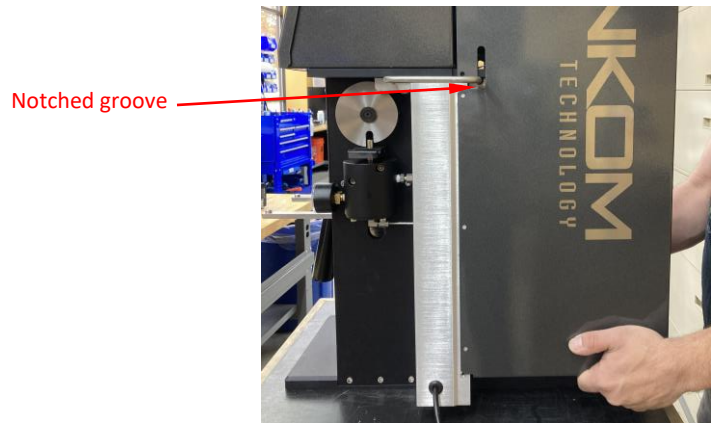


Figure 2

2. Remove the X63 Water Valve Assembly.

- a. Remove the three electrical plugs using a 9/16 wrench.
- b. Using a 7/16" wrench loosen the two brass nuts.

Note: In some models, the valve replacement system may resemble a different build. This service procedure is effective for both iterations.

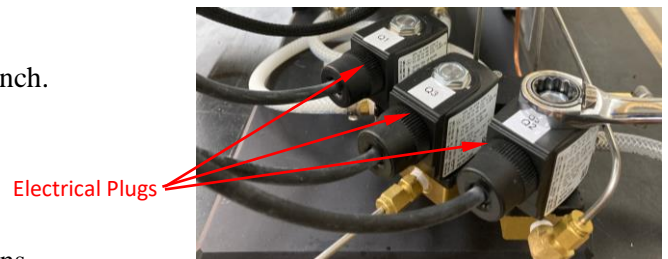


Figure 3

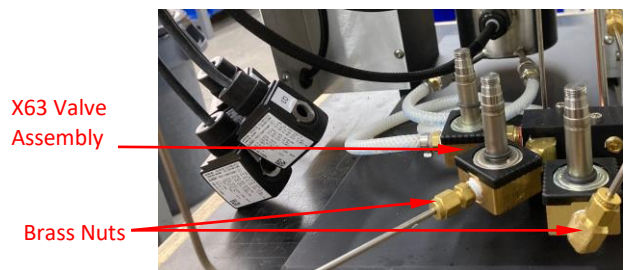


Figure 4

Remove the X63 Water Valve Assembly (continued).

- c. Using two 9/16" wrenches remove the water supply line from the back of the vessel.
- d. Using an Allen wrench remove the two mounting screws on top of the manifold. Set the screws aside for later use.
- e. Take the old X63 Water Valve Assembly out of the instrument.
- f. Detach the water supply line from the old X63 water supply fitting by loosening the hose clamp and pulling the water supply line straight off. Do not remove the hose clamp from the line.

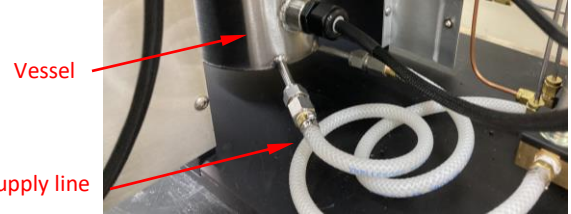


Figure 5

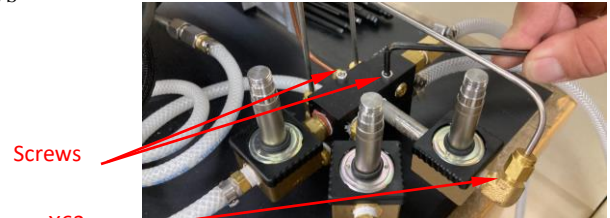


Figure 6

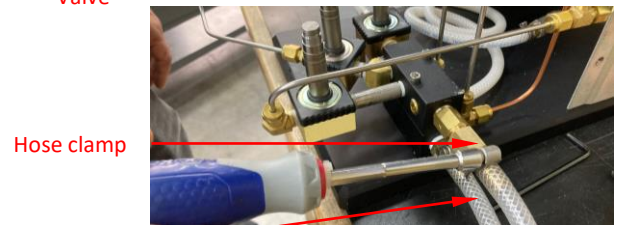


Figure 7

Water supply line

3. Install the new X63 Water Valve Assembly.

- a. Remove and discard the brass nuts from the new X63 Water Valve Assembly.
- b. Position the new X63 into place on top of the X64 Drain Manifold Assembly and secure it into place using the two screws. See Figure 6.
- c. Cut 1" off the end of the water supply line then attach it to the new X63 water supply fitting. See Figures 9 and 7.
- d. Finger tighten the brass nuts onto the new X63. Then using a 7/16" wrench tighten the nuts no more the 1/8" turn. See Figure 4.
- e. Using two 9/16" wrenches attach the water supply line to the back of the vessel. See Figure 5.
- f. Place each electrical plug onto the valve stem with its corresponding number. For example, the Q2 electrical plug should be placed onto the Q2 valve stem. Secure them using a 9/16" wrench. See Figures 10 and 3.

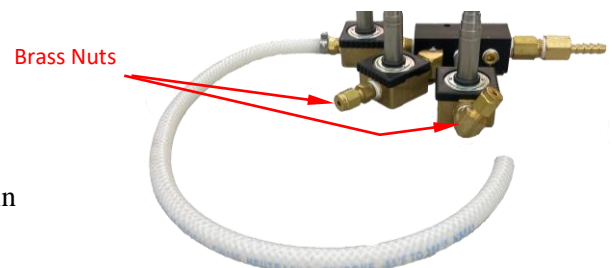


Figure 8



Figure 9

Valve Stem

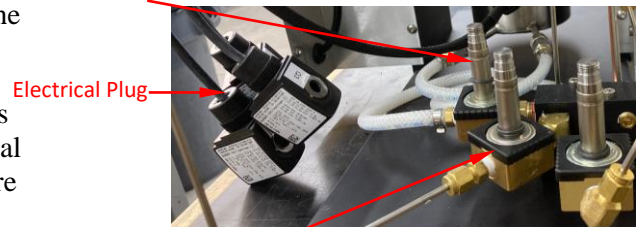


Figure 10

Rubber gasket

4. Check for leaks.

- a. Turn on the instrument and the water supply.
- b. Press the STOP button on the instrument keypad to go through a cool down.
- c. During the run check for leaks.