

Installation Instructions: 6-Port Valve for 4551A Vial Autosampler

1. Turn the power off and unplug the instrument.

WARNING: Verify the instrument is powered off and unplugged before proceeding.

2. Note the tubing interface positions on the valve to ensure proper connection with the new valve (see Table 1).
3. Slightly loosen the Allen head screw (located on the collar) using a 7/64" Allen wrench; remove the valve.
4. Install the new valve flush into the actuator by mating the mounting shaft onto the actuator shaft; see Figure 1.

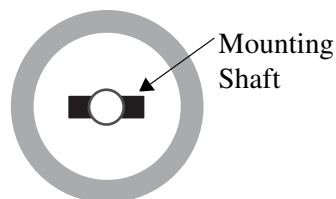


Figure 1. Rear View: Connect the Mount Shaft to the Actuator Shaft

5. Once the valve has been installed, twist the valve counter-clockwise until it stops. Port 2 of the valve should be in the 12 o'clock position as shown in Figure 2.

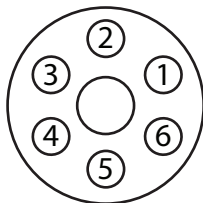


Figure 2. Front View: Mount with Port 2 at 12 o'clock

6. Once aligned, while holding the valve, tighten the Allen head screw to lock the valve into position.
7. Connect all tube assemblies to the new valve; refer to Table 1 for tubing ports and descriptions.

Table 1. Tubing Reference

Port Number	Port Description
1	Transfer line to SAM or Purge-and-Trap
2	1/16" stainless steel tubing to bottom arm of glass sample loop
3	Tan PEEK® tubing to top of needle tower assembly
4	Clear TFE tubing to peristaltic pump
5	1/16" stainless steel tubing to top arm of glass sample loop
6	Green plastic tubing to Numatic valve

Please contact the OI Technical Support Department with any questions by calling (800) 336-1911.



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P.O. Box 9010
College Station, TX 77842-9010
Tel: (979) 690-1711 • FAX: (979) 690-0440 • www.oico.com