



**99-016 Rev B
2 May, 2007**

M700 OUTPUT VALVE REPLACEMENT

I. SCOPE:

To inform our customers how to select the correct output valve for their M700 dilution calibrator. If your output valve is not working you will need to remove the cover from the unit and look at the valve. The output valve is the most rear valve that is on the floor of the Calibrator. This valve and the vent valve are the largest valves in the calibrator. If both of the valves are screwed to a stainless steel manifold then you are going to want to order the KIT 80. If your unit has both of these valves screwed to the floor of the calibrator and your serial number is 420 or smaller then you will want to get KIT 78. If your calibrator has these two valves screwed to the floor of the calibrator and your serial number is 421 or larger then you are going to want to get KIT 79.

II. PARTS:

KIT 78 (90° Fittings out of base of valve)
KIT 79 (straight fittings out of base of valve)
KIT 80 (valves in manifold)

III. TOOLS:

7/16" wrench
9/16" wrench
Phillips head screwdriver

IV. PROCEDURE:

1. Remove all pneumatic and electrical connections from the rear of the calibrator and remove the top from the calibrator.
2. Turn the calibrator around so that the rear of the calibrator is toward you.
3. Locate the vent output valve. It is the rear largest valve in the calibrator.
4. Remove the pneumatic connections and the electrical connector from the valve.
5. Remove the valve from the calibrator and install the new valve.
6. Reconnect the electrical and pneumatic connections to the valve.
7. Replace the cover onto the calibrator and replace the electrical and pneumatic connections onto the rear of the calibrator.
8. When the calibrator has warmed up make sure to do a leak check. If the leak check does not pass then check the valve that you just installed to make sure that all of the connections are tight.

If you have questions regarding this procedure or any API equipment, please contact an API Customer Service representative :

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