

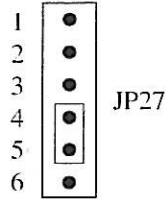
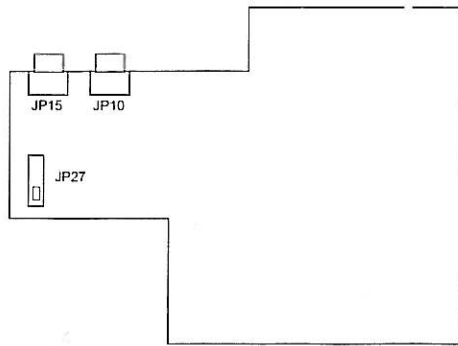
Instructions For Installing and Adjusting the Model 4560 I/O PCA Before Operation

WARNING: This is not a customer serviceable item. This procedure must be performed by a qualified electrical technician or an OI Analytical Service Representative.

1. Remove the power cord from the Model 4560.
2. Remove the cover assembly.
3. Make sure all cables and thermocouples are noted for proper positions when installing the new I/O PCA.
4. Configure and install the jumpers per the appropriate diagram in Figure 1.
5. Install the new I/O PCA.
6. Inspect all the connections before powering up.
7. Power up the Model 4560.
8. Using the keypad on the front of the Model 4560, press [2nd] function, [-], [.] , [2], and [2]. Verify that the top number on the display is adjusted to 50 (± 2) by using the adjustment pot (R39) on the I/O PCA.
9. Verify that the lower number on the display is set to 50 (± 2) using the adjustment pot (R35) on the I/O PCA.
10. After adjusting R39 and R35 and verifying that both numbers are set to 50 (± 2), install the cover assembly and begin operation.

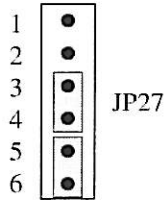
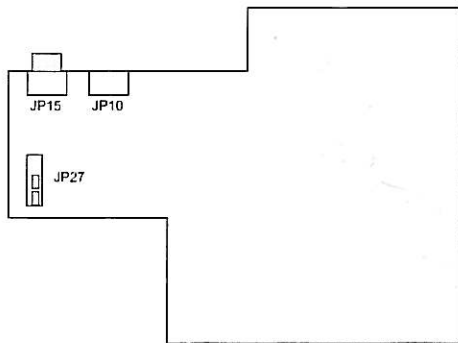
If the I/O PCA will not adjust, contact the OI Analytical Customer Service Department at (800) 336-1911.

No Sparge Heater



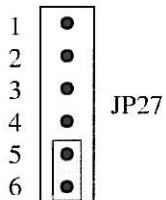
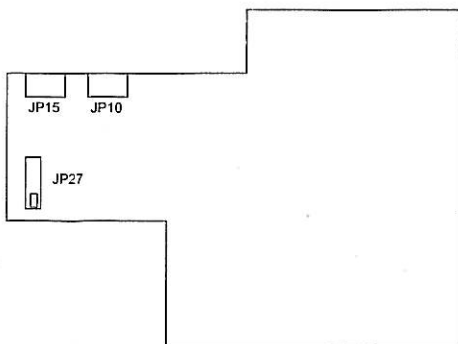
- Thermocouple jumpers on thermocouple connectors JP15 and JP10.
- Shunt across pins 4 and 5 on connector JP27.

Sparge Mount Heater



- Thermocouple jumper on thermocouple connector JP15. JP10 connects to the sparge mount thermocouple.
- Shunts across pins 3 and 4, and 5 and 6 on connector JP27.

Sparge Mount Heater and Sample Heater Option



- JP15 connects to the sample heater thermocouple. JP10 connects to the sparge mount thermocouple.
- Shunt across pins 5 and 6 on connector JP27.

Figure 1. Model 4560 I/O Jumper Configuration

