

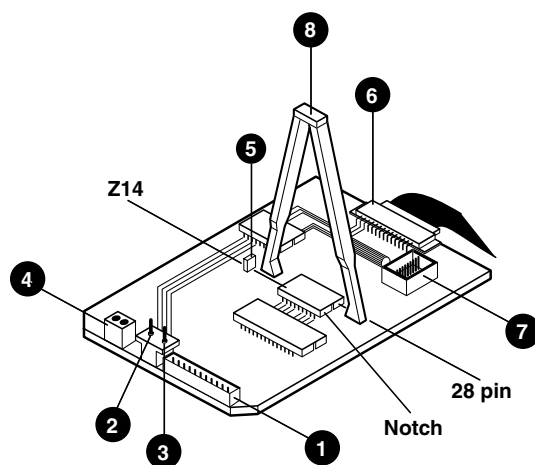
Thermo Scientific Orion 1818 Oxygen Scavenger Monitor Software

Introduction

The Orion 1818AO oxygen scavenger monitor is shipped with HYDRAK software (for hydrazine) installed. Install ELIMAK (for ELIMIN-OX[®]) software by the following instruction if needed for this application.

Instructions

1. Ensure power to monitor is off.
2. Loosen the four screws on the display panel. Remove and save the screws.
3. Disconnect the ribbon cable (1) from the PMA board.
4. Remove the reference electrode cable from J5 (2) on the PMA board.
5. Remove the sensor electrode cable (3) from the PMA board.
6. Using a small, slotted screwdriver, disconnect the red and black wires from the ATC probe (4) on the board. You may have to pull the board out slightly to access TB1.
7. Remove the small, square black fluid ground plug (5) from the board.
8. Disconnect the 96 pin ribbon cable (6) from the terminal board that secures the PMA board to the rear of the unit.
9. Pull the PMA board out slightly and disconnect the square 12 pin connector from J2 (7).
10. Remove the PMA board from the chassis.
11. Ensure microchip is 80C40, if not, contact Technical Support.
12. Remove the chip on the PMA board from position (Z14) using the supplied retractor tool (8). Locate software in the application kit. Insert software on board by orienting the notch on the EPROM with the notch on the board socket. Carefully align the pins on the EPROM with the holes in the socket and push straight down.
13. Ensure the EPROM is fully seated in the socket.
14. Press the reset button located toward the rear of the PMA board to get Eo in the new default range. Re-install the PMA board by reversing the removal procedure.



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