

Mark 2 Voltage Adjustment Procedure

Introduction

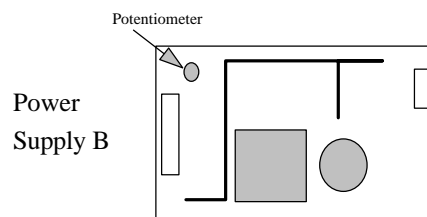
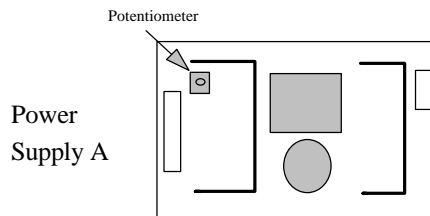
This sheet outlines the steps necessary to perform a voltage adjustment on the Mark 2 Moisture Analyzer.

Tools Required

1. Special Omnimark driver consisting of the standard head driver and hex head driver.
2. Potentiometer adjustment tool.
3. Voltmeter.

Voltage Adjustment Procedure

1. Remove Mark 2 cover by removing the two grill screws. Remove the perforated grill. Remove the hex screw located in the center of the unit in the grill opening towards the front of the unit. The cover can now be removed and placed in the upright position behind the unit.
2. Locate the power supply in the lower half of the case on the left side.
3. Set the voltmeter on the 20V DC scale.
4. Insert the voltmeter probes into the power cable connector with the black(-) and red(+) wires.
5. The voltage should read 5.23-5.26V. If the voltage is low, locate the potentiometer. Power Supply A uses a blue/white pot while Supply B uses an all white potentiometer.



6. Use enclosed adjuster or other potentiometer adjustment tool to adjust the pot clockwise. This is a fine adjustment. Adjust slightly to 5.23-5.26V.
7. Replace Mark 2 cover by following step 1 in reverse order.