



Chart Recorder (Cobex Type Only) Backup Battery

Operational Life

The Backup Battery (9-Volt) used on the Cobex Seven Day Chart Recorder has an operational life of approximately 24 hours of continuous use. If you turn off your Environmental Chamber, we recommend that you also disconnect the 9-Volt backup battery located on the front of the Chart Recorder.

LED Light

During normal operation of your Environmental Chamber, the LED light located on the front of the Chart Recorder will be on continuously. During a power failure the **LED light will FLASH**. This light will flash whenever the Chart Recorder is operating from the backup battery only.

Problem

If your Chart Recorder's LED Light is flashing, and the backup battery constantly has to be replaced while the Chamber is connected to electrical power and working normally, then check the following:

1. Remove the top of the Chamber. **CAUTION: USE EXTREME CARE, ELECTRICAL SHOCK HAZARDS!!! USE EXTREME CARE WHEN WORKING AROUND HIGH VOLTAGE.**
2. Locate the rear of the Chart Recorder. (See drawing attached.)
3. Check to make sure that the 12-Volt Power Cable is connected to the Circuit Board located on the rear of the recorder.
4. Check to make sure the Quick Disconnect (Plastic Connector) located in about the middle of the 12-Volt Power Cable is connected properly.
5. Check to make sure that the 12-Volt Power Cable is properly attached to pins #1 & 2 of Terminal Block #2 (TB2) located on the Interface Board just below the High Voltage Power Supply.

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Continued

If all connections appear to be secured properly, check the voltage using a Voltage Meter. The voltage tested should equal 12 Volts DC.

Check the voltage at the point where the 12-Volt Power Cable connects to the Circuit Board on the rear of the Recorder. If you find you have 12 Volts at this point you may have a problem with the Chart Recorder. If you do not have 12 Volts at this point check the output at pins #1 & 2 on Terminal Block #2 (TB2). (See drawing of Interface Board attached.)

If you do not have power at this point, check to make sure all cable connections are properly connected at all points.

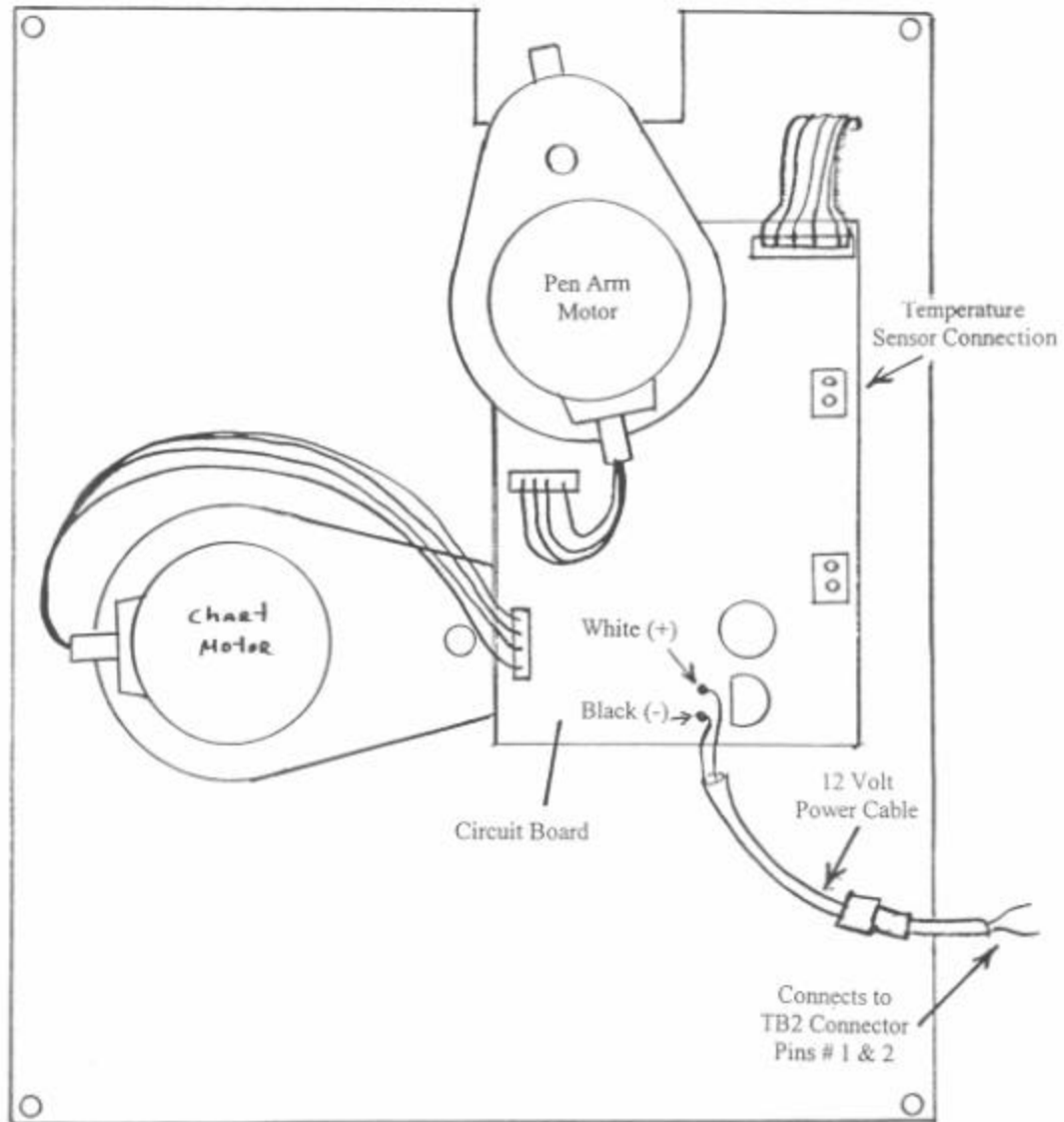
For replacement parts or further assistance, contact Melco Engineering Corp. USA at (818) 247-7500 or fax us at (818) 247-7257.

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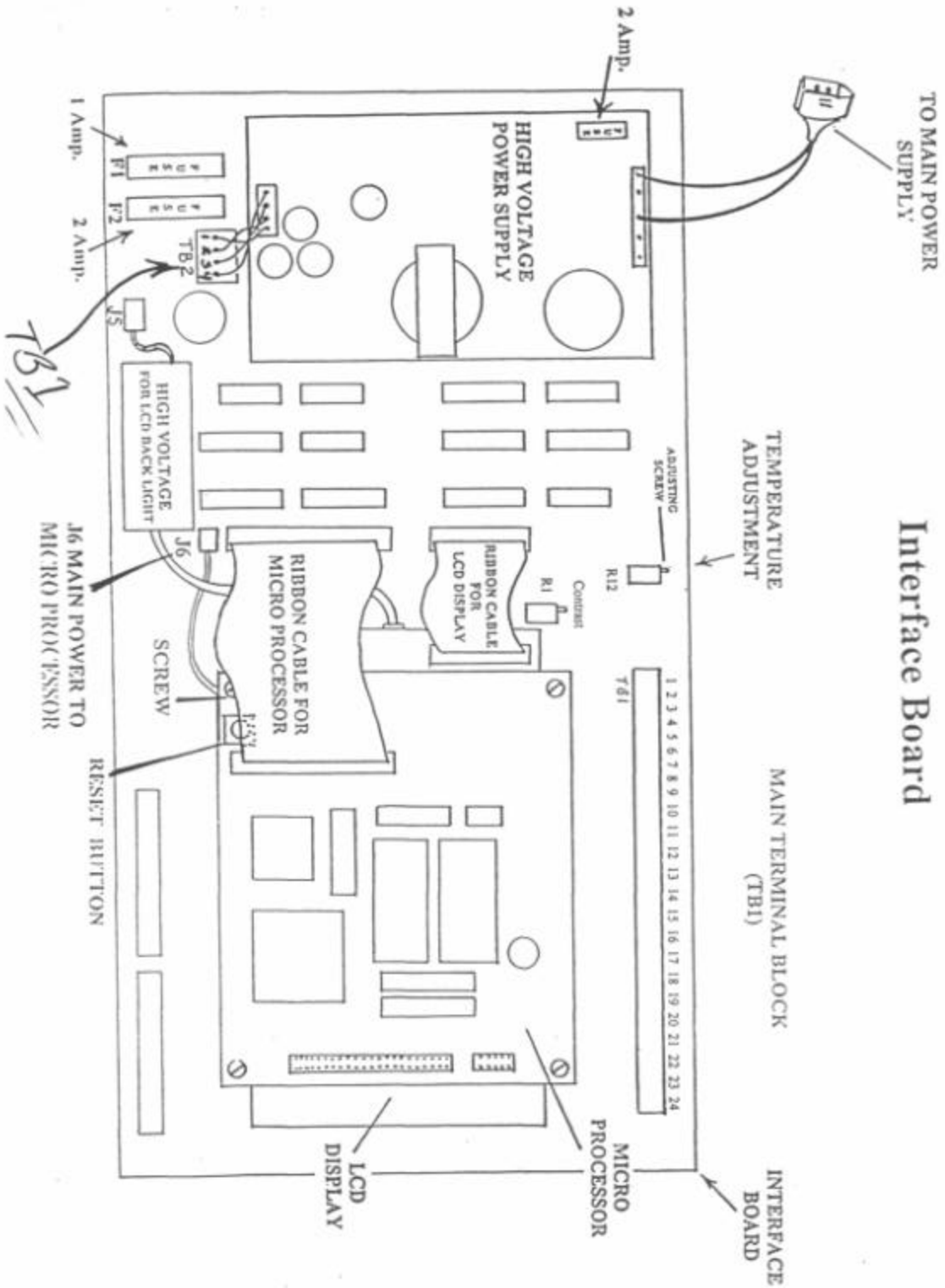


Rear View of Chart Recorder (Cobex Type)



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