

IV-E968 Constant Current Power Supply

Constant Current Power Supply:

(i) Digital Mill voltmeter :

- Range: 0-200mV/2000mV (100 μ V minimum)
- Accuracy: $\pm 0.1\%$ of reading ± 1 digit
- Selection: Through Toggle Switch

(ii) Digital Mill Ammeter :

- Range: 0-10mA/20mA
- Accuracy: $\pm 0.1\%$ of reading ± 1 digit
- Selection: Through Toggle Switch

(iii) Constant Current Power Supply Current:

- 0-20mA Resolution: 10 μ A
- Accuracy: $\pm 0.2\%$ of the reading ± 1 digit
- Load regulation: 0.03% for 0 to full load
- Line regulation: 0.05% for 10% variation

(iv) Termination: 4Nos. (2mm for Voltage and 4mm for Current)

Salient Feature :

- Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.
- Instruction manual.
- Connections are brought out through 3Pin Connector
- The trainer is housed in ABS Plastic and Metal Cabinet.
- Size of the trainer set 12"x4.5".



Oven :

- It is a small oven which could be easily mounted over the crystal or removed if required.
- Technical details
- Size: 35x25x5 mm (internal size)
- Temperature Range: Ambient to 100 Degree C
- Power requirement: 12 W

Temperature Sensor :

- Temperature is measured with thermocouple with its junction at a distance of 1 mm from the crystal.