



CONSTANT CURRENT SOURCE

APPLICATIONS :

- for following experiments

- Load Regulation of source
- Temperature coefficient of Resistance of copper
- Calibration of Si diode thermometer
- Band gap of a semi conductor
- Stefan's constant of radiation
- Thermal & Electrical conductivity of Copper
- Thermal diffusivity of Brass
- Metal Insulator transition in La Ca Manganates



SPECIFICATIONS

Operating Voltage : 230 V AC, 50 Hz \pm 10%.
Operating Temp. Range : 0°C to 50°C.
Enclosure : 184 x 96 x 200 mm DIN.

- Current changes by 1% when the load changes till the voltage on the load reaches a value of 24 V
- Current read in milliamps on the panel meter
- Low current range: 1 mA to 20 mA. Current remains constant to 5 parts in 10^3 as the load is varied till the voltage across the load reaches a value of 15 V.
- Current read in milliamps up to the first decimal place on the panel meter.

Variable Load Resistance Box

Box Dimensions : 115 (L) x 65 (W) x 40 (H) mm



Manufactured By :



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