



## !Technical Features:

Four Probe experiment setup  
The setup should be able to measure resistivity of a semiconductor by four probe method

The set-up should consist of three units

(i) Oven Controller Temperature Range: up to 473K Resolution: 1K or less  
Sensor: RTD (A class)  
Display: Digital with Decimal indication

(ii) Multirange Digital Voltmeter Range : X1 (0-200mV) & X10 (0-2V) Resolution: 100 $\mu$ V at X 1 range Display: Digital with decimal indication  
Range: (0 -200 mV) and (0 -2 V)

(iii) Constant Current Generator Open circuit voltage: 18 V Current range: 0-20 mA with load regulation

Crystal: Ge Wafer, P type, resistivity 1-10 ohm-cm, crystal housing should be of steel.

Complete unit housed in robust metal cabinet with effective electromagnetic shielding.

The set should be complete in all respects and should have a well-documented instruction manual.

Photographs are for reference only final product may vary

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