

SPECIFICATIONS

Nano Resistance Meter

Current Source:

- Current range : 2 nA to 100 mA, in 9 steps
- Current accuracy range : 0.4% in 2 nA range to 0.1% in 100 mA
- Programming resolution : 100 fA to 10 micro.A
- Output response bandwidth : 10 kHz to 1 MHz.
- Frequency range : 1 mHz to 100 kHz
- Frequency accuracy : 100 ppm
- Input supply : 220 V +/-5%, 50 Hz +/- 2%, single phase.

Nano-Voltmeter:

- Voltage range : 10 mV to 100 V
- Voltage resolution : 1 nV in 10 mV range and 10 micro Volt in 100 V range

Resistance

- Resistance range : 10 pico ohms to 100 mega ohms

Note: The current and voltage source should match so as to measure a resistance in the range given above.