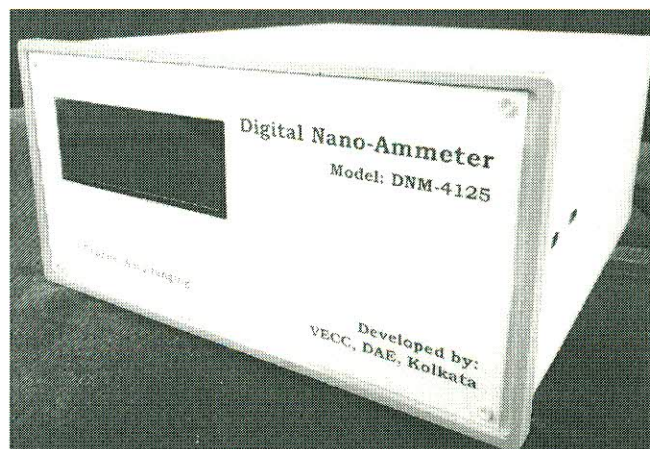


DIGITAL NANO-AMMETER

DNM4125

Digital Nano-Ammeter DNM-4125 is a multi-range, multi-channel low current measuring instrument. It has four channels which are scanned at very high speed by 32bit ARM-7 based micro-controller. Software filtered and calibrated data for current values are available at local display as well as serial communication line. Each channel of the instrument cater two ranges of operation. The lower range is from 1nA to 250 nA with a resolution of 0.1nA whereas higher range is from 250 nA to 25 μ A having resolution of 6 nA. These ranges are auto selected as per input current for individual channel. Various other features are also added which can be used through serial communication.



Features:

- Measures current from 1 nA to 25 μ A
- 4 input channels
- 32 bit ARM-7 based μ -controller oriented design
- Local display using multiline LCD
- PC interface through RS232 serial port
- Fully automated operation

Technical Specifications:

Range	1 nA to 250 nA, 250 nA to 25 μ A (Auto selected)
Resolution	0.1 nA (lower range), 6 nA (higher range)
Accuracy	1% FS
Polarity of input	Positive only
Display	4-line LCD panel
Communication Port	RS232
Input connection	Co-axial BNC
Power Supply	230 V AC