

EDUCATIONAL METERS

Beemet Laboratory Desktop instruments are specially designed for easy use in educational institutes laboratory. These meters are offered with anti-parallax mirror for clear & precise reading.

SALIENT FEATURES

- BEEMET Portable Desk Top instruments are specially designed for easy use in educational institutions , laboratories & workshops.
- Meters are inclined for easy reading & mounted on ABS plastic moulded desk type stand with connections on top terminals.



GENERAL SPECIFICATIONS

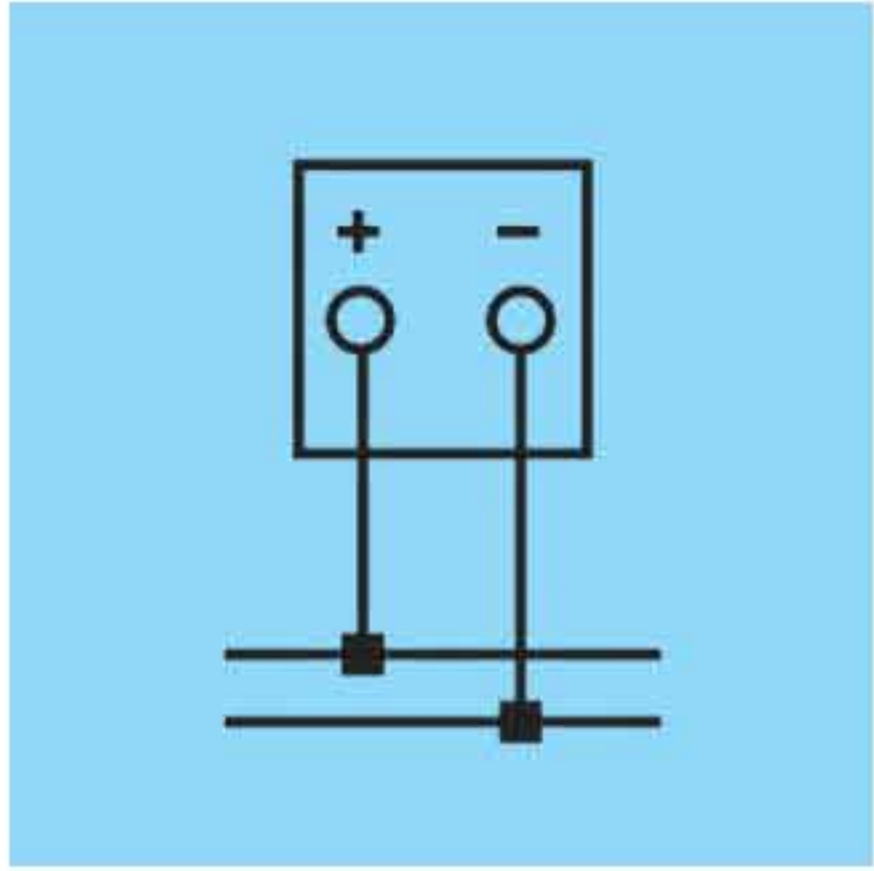
Accuracy Class	1.5/2.0
Measurable quantities	AC Voltage and DC Voltage or Current
Pointer deflection	0 – 90°
Frequency	50/60Hz
Sensitivity	1000Ω/V (Voltmeter); 200Ω/V (Ammeter)
Overload capacity	According to IS: 1248 / IEC 51
Short duration for voltmeters	2 times for 5s: 1 overload 2 times for 0.5s: 9 overloads
Short duration for ammeters	10 times for 5s: 1 overload 10 times for 5s: 1 overload
Continuously	1.2 times rated voltage or current
Operating Temperature	-10 to 55°C
Storage Temperature	-25 to 65°C
Relative Humidity	< 75% annual average, non-condensing

RANGE CHART

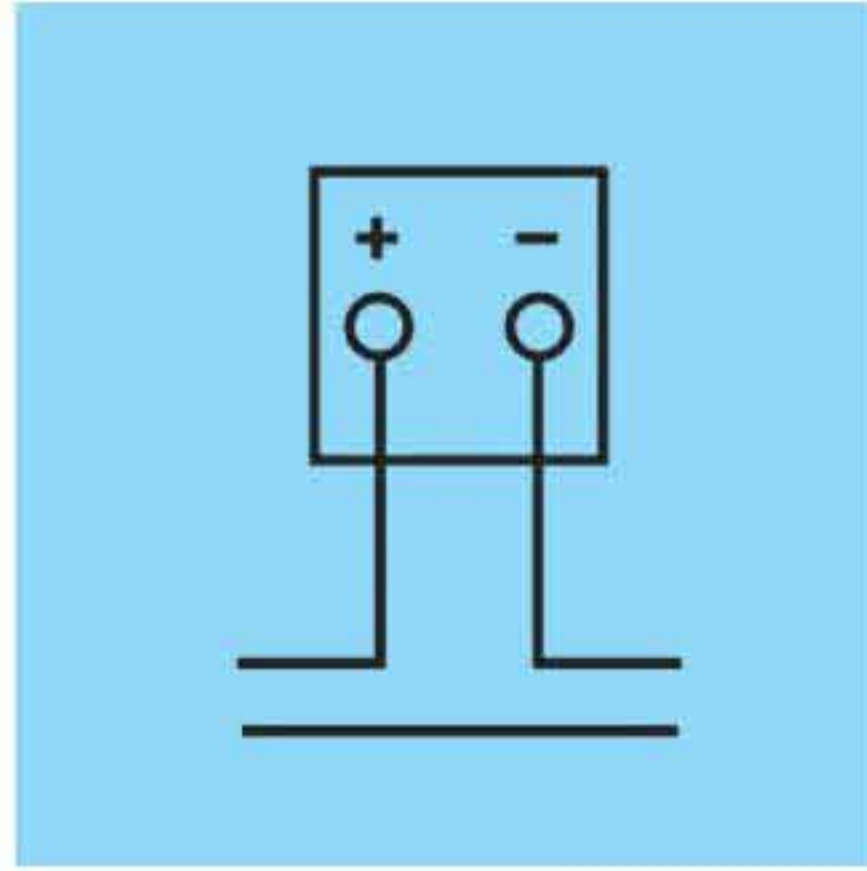
Model	Description	Ammeter Range
EDM - I	DC Moving Coil	Ammeter 1A – 30A Microammeter 25μA – 1000μA
EDM - II	AC Moving Coil Rectifier Type	Milliammeter 1mA – 1000Am Voltmeter 1V – 600V
EDM - III	AC Moving Iron	Millivoltmeter 10mV – 1000mV Galvanometer 30- 0- 30 & 50- 0- 50

WIRING DIAGRAM

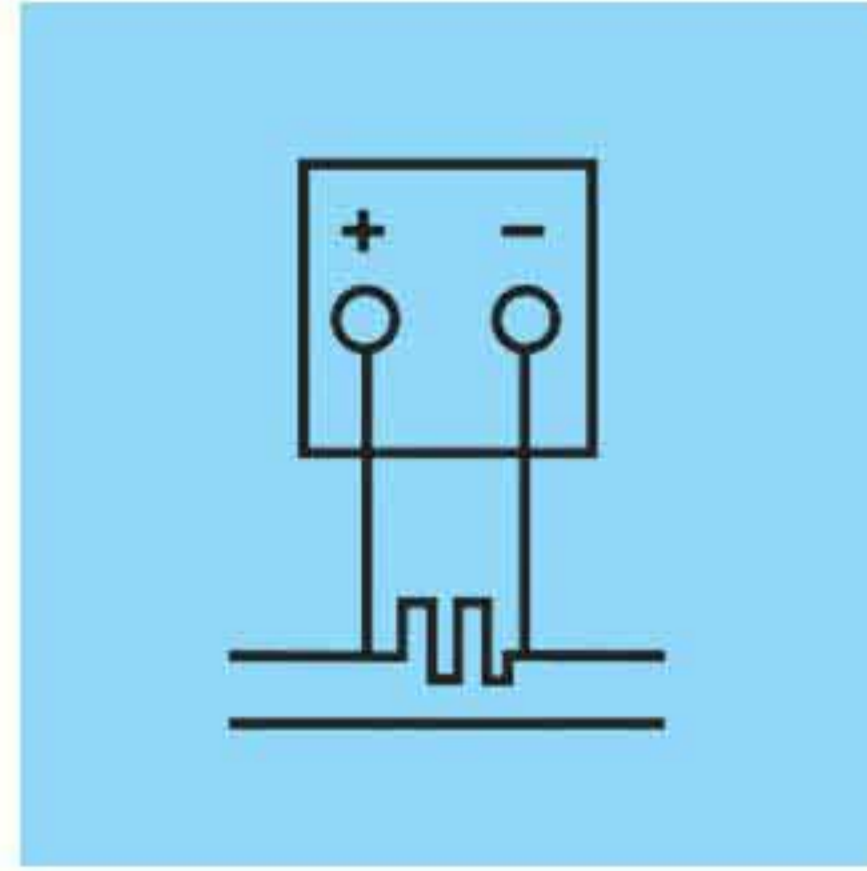
DC Moving Coil Voltmeters and Ammeters:



Voltmeter with direct connection

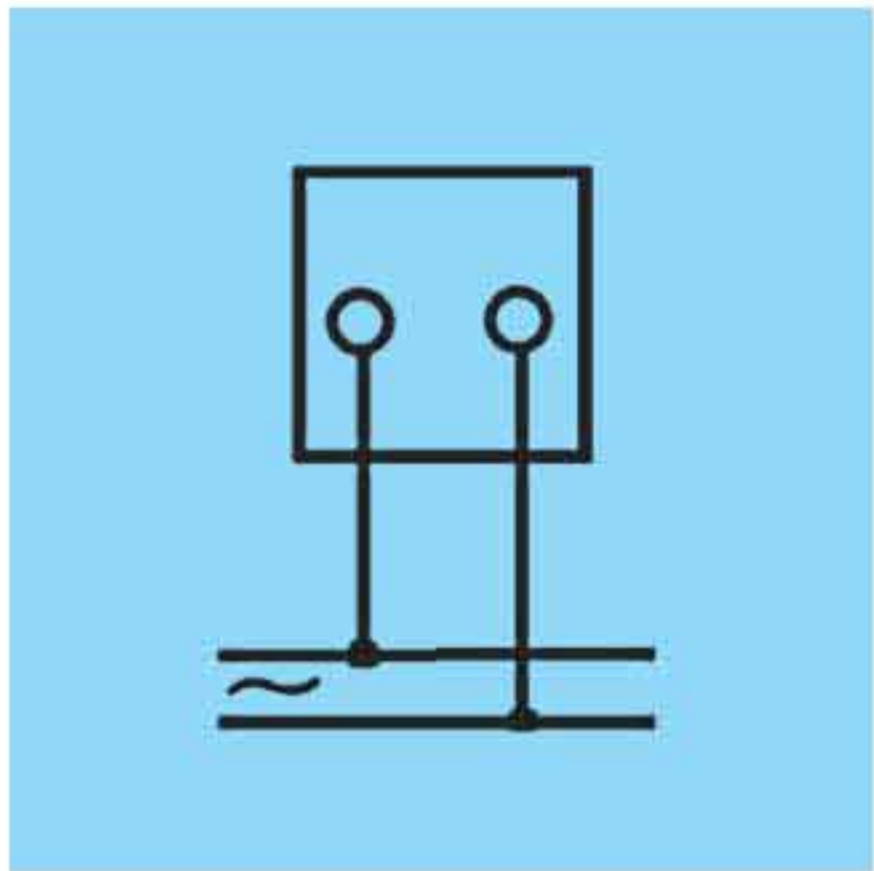


Ammeter with direct connection

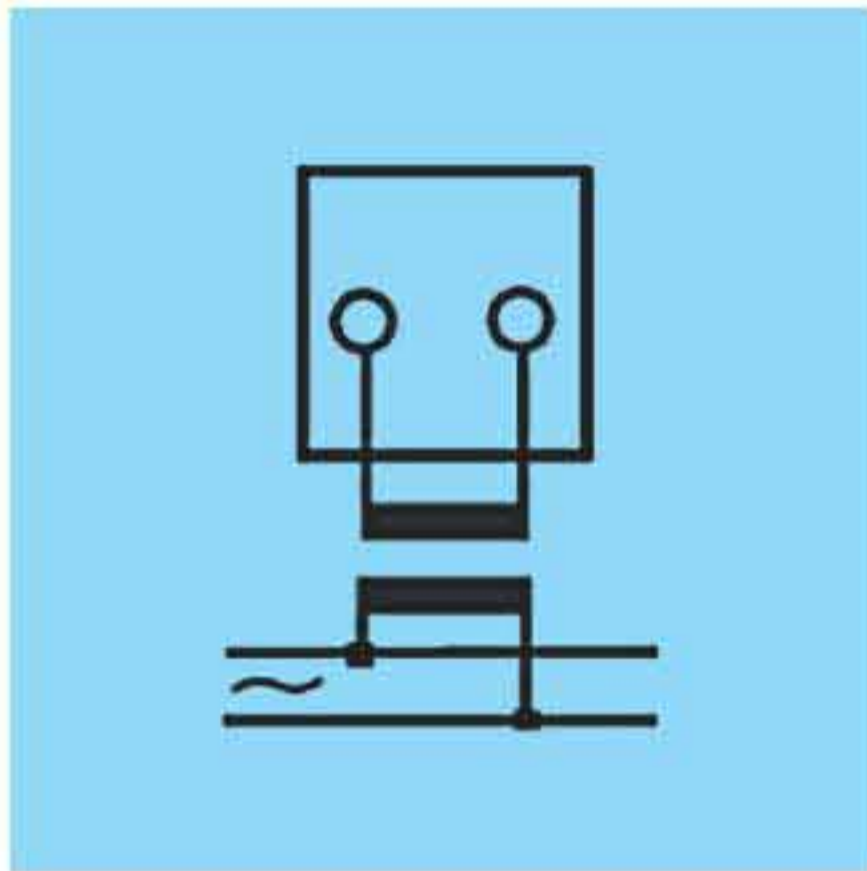


Ammeter with shunt

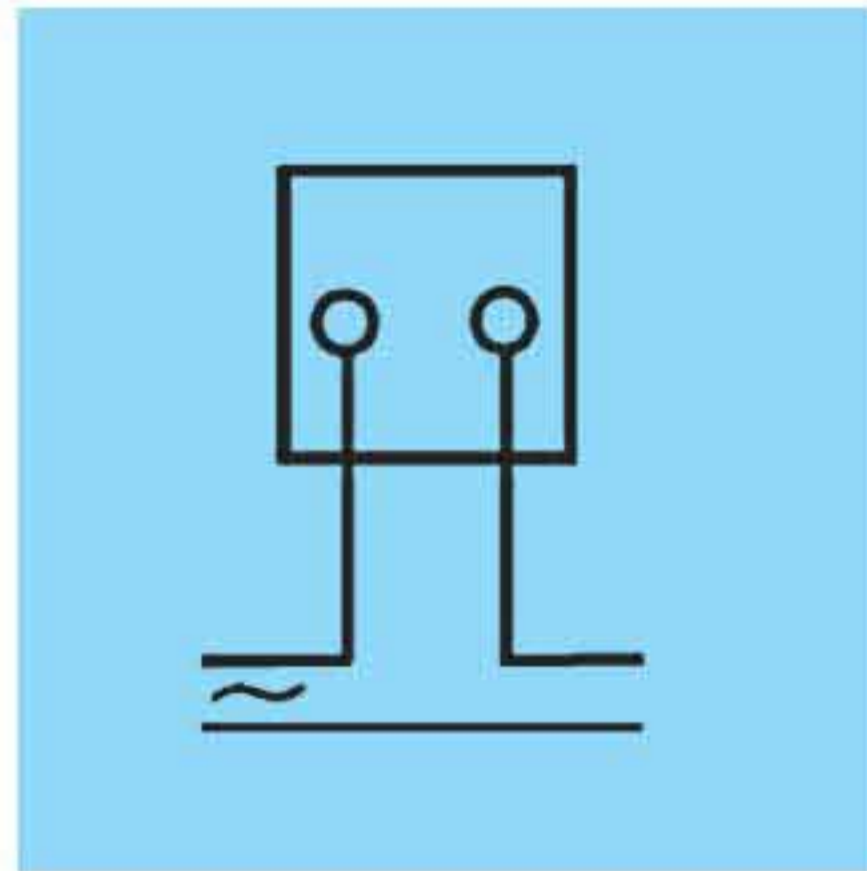
AC Moving Coil Voltmeters and Ammeters:



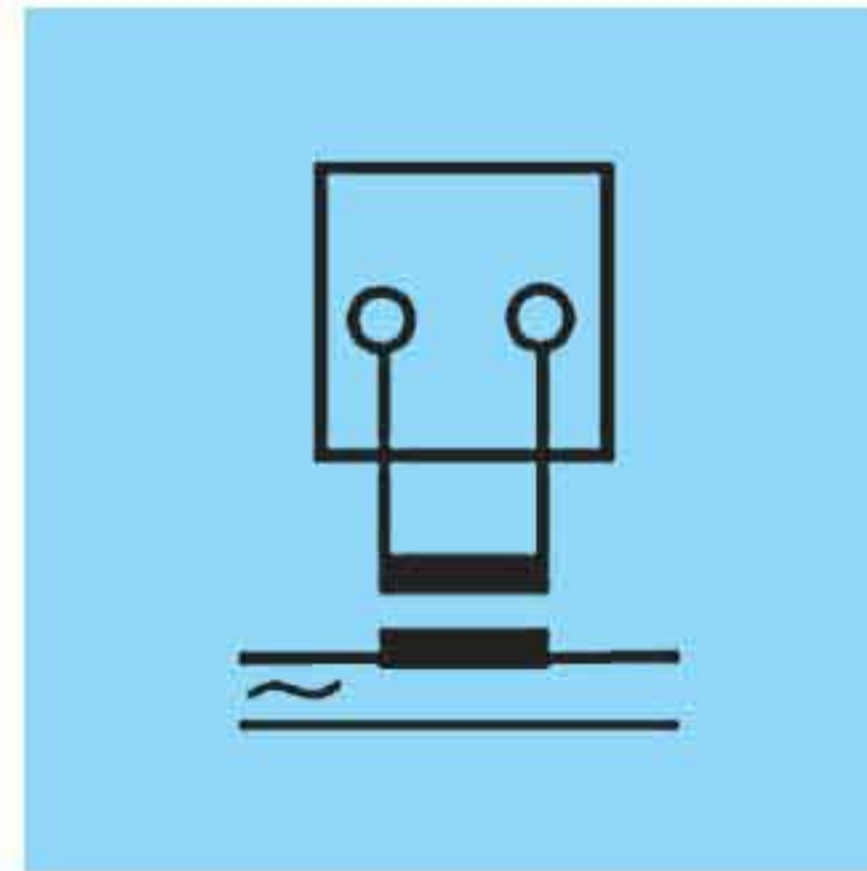
Voltmeter with direct connection



Voltmeter with PT



Ammeter with direct connection



Ammeter with CT