



❖ ANALOG PORTABLE AMMETER AND VOLT METERS



FEATURES

"MECO-G" Portable Ammeters & Voltmeters are designed for the use in laboratories, field & test room where precision measurement is required. These portable instruments can be used in precision research laboratories where carefully controlled atmospheric conditions are secured, in educational institutions where possible misuses exist and in factories where these instruments are important for making calibration check on switchboard and panel instruments.

- Knife edge Pointer & Anti parallax mirror scale.
- Shock resistant Pivot jewel movement: The pivots are made from carbon steel hard chrome plated and are mounted in spring loaded sapphire jewels. This ensures shock resistance due to vibrations in transit and minimum friction during use.
- Tough Bakelite Case: The complete body of the instrument is made from superior grade of Bakelite and ABS. Unique design makes it strong in construction and at the same time provides very high insulation.
- Dust Proof: The moment is placed in a separate compartment making it completely dust proof, thus ensuring long life & years of trouble free service.
- Minimized Heating of Voltmeters or less internal heating due to low VA-loss: The resistances of Voltmeters are housed separately in a ventilated compartment making heating problems negligible.
- Quick Response due to unique damping.
- Confirming to BS 89, IEC 51 & ISS 1248.

GENERAL SPECIFICATION

SCALE LENGTH	140mm approx..
Test Voltage	2000V AC(rms) for 1 min.
Insulation Resistance	Over 20M Ω at 500VDC

MOVING IRON AC INSTRUMENT

Rated Accuracy	Class 1.0% Full scale value as per ISS 1248/84 between 20%-100% of scale.	
STANDERED RANGES (1% ACCURACY)		
RANGES	A.C. VOLTMETER	A.C. AMMETER
Range 1	0-30V,0-50V,0-60V,0-75V,0-100V,0-125V 0-150V,0-250V,0-300V,0-500V,0-600V	0-50mA,0-100mA,0-250mA,0-500mA,0-1A 0-2A,0-5A,0-10A,0-20A,0-30A,0-50A,0-100A
Range 2	0-30/60V,0-50/100V,0-62.5/125V 0-75/150V,0-125/250V,0-150/300V 0-250/500V,0-300/600V	0-1/2A,0-2.5/5A,0-5/10A,0-10/20A 0-15/30A,0-25/50A,0-50/100A
Range 3	0-30/60/120V,0-75/150/300V,0-62.5/125/250V 0-125/250/500V,0-150/300/600V	

Instrument with Accuracy class 0.5% are available on request.

DIMENSIONS

BAKELITE CASE

