



Model No. R-3501P

PORTABLE DIGITAL PANEL METERS



The Portable Digital Ammeters, Voltmeters and Frequency meters are designed for AC, DC and True RMS measurements. These instruments are more rugged, reliable and accurate than analog meters. They are light in weight, compact in size and stylish in design. They do not have any moving parts. Display is bright Red LED's. There is no confusion of anti parallax scale.

FEATURES

- ✓ 3½ Digit Bright Red LED Display. 1999
- ✓ Light, Compact Sleek Design.
- ✓ Accurate Readings.
- ✓ High resolution as compared to analog instruments.
- ✓ No moving parts thus eliminating wear and tear and enhancing life of instruments.
- ✓ Distinct readings eliminating ambiguity in readings.
- ✓ Auxillary supply 230V AC.

MECO-G® GOLIYA INSTRUMENTS PVT. LTD.

ISO 9001-2008 Certified





Model No. R-3501P

3 1/2 DIGIT PORTABLE DIGITAL PANEL METERS

SPECIFICATIONS

- Display : 3 1/2 Digit 14.2 mm (0.56") Ht. Bright Red LED.
- Sampling Time : 0.4 Sec. (approx)
- Frequency Range : 40-400 Hz for AC measurements.
- Overrange Indication : '1' is Displayed in MSD.
- Polarity : '-' is displayed for negative. No indication for positive.
- Aux. Power Source : AC 230V \pm 10% (50-60Hz.)
- Power Consumption : <5VA
- Operating Temperature : 0° - 50° C.
- Storage Temperature : -10° - 70° C.
- Max. Rel. Humidity : 90% non condensing.
- Dielectric Strength : AC 2 KV for 1 min. Between input and power terminals.
- Insulation Resistance : Over 20 Megohms at 500V DC.

DIRECT INPUT DC OR AC OR TRMS SINGLE RANGE

RANGES	INPUT IMPEDANCE	RESOLUTION
199.9 uA	1 K Ω	0.1 uA
1.999 mA	100 Ω	0.001 mA
19.99 mA	10 Ω	0.01 mA
199.9 mA	1 Ω	0.1 mA
1.999 A	0.1 Ω	0.001 A
19.99 A	0.01 Ω	0.01 A
199.9 mV	\geq 1 M Ω	0.1 mV
1.999 V	\geq 1 M Ω	0.001 V
19.99 V	\geq 1 M Ω	0.01 V
199.9 V	\geq 1 M Ω	0.1 V
600 V	\geq 1 M Ω	1 V

ACCURACY	SINGLE RANGE	DOUBLE RANGE
DC VOLTS	\pm (0.1% rdg+2 dgts)	\pm (0.5% rdg+2 dgts)
DC AMPS	\pm (0.3% rdg+2 dgts)	\pm (0.5% rdg+2 dgts)
AC VOLTS	\pm (0.5% rdg+3 dgts)	\pm (0.8% rdg+3 dgts)
AC AMPS	\pm (0.5% rdg+3 dgts)	\pm (0.8% rdg+3 dgts)

DUAL RANGE

VOLTS	0-200mV/0-2V, 0-2V/0-20V, 0-20V/0-200V, 0-200V/600V
CURRENT	0-200uA/0-2mA, 0-2mA/0-20mA, 0-20mA/0-200mA, 0-200mA/0-2A, 0-2A/0-20A

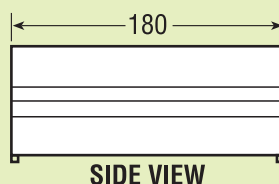
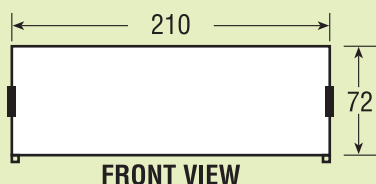
Other ranges available on request. (Subject to technical feasibility)

TRIPLE RANGE INSTRUMENTS AVAILABLE ON REQUEST.

FREQUENCY METERS (3 DIGIT DISPLAY)

RANGE	RESOLUTION	INPUT IMPEDANCE	ACCURACY
99.9 Hz	0.1Hz	\geq 1 M Ω	0.1 Hz

DIMENSIONS: (all dimensions in mm)



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PORTABLE DIGITAL METERS

3½ DIGIT PORTABLE DIGITAL METERS



MODEL: R-3501P

**DIRECT INPUT DC OR AC OR TRMS
SINGLE RANGE**

RANGES	INPUT IMPEDANCE	RESOLUTION
199.9 μ A	1 K Ω	0.1 μ A
1.999 mA	100 Ω	0.001 mA
19.99 mA	10 Ω	0.01 mA
199.9 mA	1 Ω	0.1 mA
1.999 A	0.1 Ω	0.001 A
19.99 A	0.01 Ω	0.01 A
199.9 mV	≥ 1 M Ω	0.1 mV
1.999 V	≥ 1 M Ω	0.001 V
19.99 V	≥ 1 M Ω	0.01 V
199.9 V	≥ 1 M Ω	0.1 V
600 V	≥ 1 M Ω	1 V

DUAL RANGE

VOLTS	0-200mV/0-2V, 0-2V/0-20V, 0-20V/0-200V, 0-200V/600V
CURRENT	0-200 μ A/0-2mA, 0-2mA/0-20mA, 0-20mA/0-200mA, 0-200mA/0-2A, 0-2A/0-20A

PORTABLE DIGITAL WATTMETERS



MODEL: R-PDW11/ R-PDW11L

Model: PDW11 (P.F.=1.0) Single Phase Unity P.F.
PDW11L (P.F.=0.2) Single Phase Low P.F.

INPUT RANGES

0-75, 100, 150, 250, 300, 500, 600V, (any one)
0-0.5, 1, 1.5, 2, 2.5, 5, 10A, (any one)

MODEL: R4050 BP - FREQUENCY METERS (3 DIGIT DISPLAY)

RANGE	RESOLUTION	INPUT IMPEDANCE	ACCURACY
99.9 Hz	0.1Hz	≥ 1 M Ω	0.1 Hz

Other ranges available on request. (Subject to technical feasibility)

TRIPLE RANGE INSTRUMENTS AVAILABLE ON REQUEST.