

**Product Name :**  
Digital Portable Meters**Product Code :**  
ALABS-A157-002**Description :****Digital Portable Meters**

Portable Digital Ammeters, Voltmeters and Frequency meter are designed for AC, DC and True RMS measurements, Single phase Portable Digital Wattmeters can measure power in single phase systems with unity power factor (P.F. = 1.0) and Low Power factor (P.F. = 0.2). 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.

**Feature:**

- 3½ Digit Bright Red LED Display 1999 (max) for Volts, Ampere and Low Power Factor Wattmeters
- 4 ½ Digit Bright Red LED Display. 19999 (max) for Unity Power Factor Wattmeters
- 3 Digit Bright Red LED Display. 999 (max) for Frequency meters

- Light, Compact Sleek Design
- Accurate Readings
- High resolution as compared to analog instruments
- No moving parts thus eliminating friction, wear and tear and enhancing life of instruments.
- Distinct readings eliminating ambiguity in readings
- Auxiliary supply 20V AC. (Availability) of other ranges is subject to technical feasibility

### **Specification**

- Display : 3 ½ Digit 14.2 mm (0.56") Ht. Bright Red for Volts, Current, Low PF Watts. 4 ½ Digit 14.2 mm (0.56") Ht. Bright Red for Unity PF Watts. 3 Digit 14.2 mm (0.56") Ht. Bright Red for Frequency
- Sampling Time : 0.4 Sec. (approx)
- Frequency Range : 40-400Hz for AC Volts, Ampere meters, 50Hz for Wattmeters
- Over range Indication : '1' is Displayed in MSD for 3 ½ digit meters, '0000' is flashing in 4½ digit meters
- Polarity : '-' is displayed for negative. No indication for positive
- Aux. Power Source : AC 20V  $\pm$  10% (50-60Hz)
- Power Consumption : < 5VA
- Operating Temperature : 0° – 50°C
- Storage Temperature : -10° – 70°C
- Max. Rel. Humidity :  $\leq$  90% non condensing

- Dielectric Strength : AC 2 KV for 1 min. Between input and power terminals
- Insulation Resistance : Over 20 Megohms at 500V Dc



## Equipments Exporters

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