

## Micro controller Base 1Ø Digital Panel Meter For Power Applications



The **1Ø Digital Panel Meters** are basically DPM's designed to fulfill the requirement of accurate Measurement and display of various electrical parameters in process industries. The standard range of indicating meters are available in 96 X 96 mm and 96 X 48 mm Panel mounting type enclosures. The units are microcontrolled base Voltmeter & Ammeter based on true RMS technology & Wattmeter based on four quadrant multiplier technology for digitizing the analog inputs & offer excellent linearity over the entire range. A temperature compensated reference ensures minimum drift with wide changes in ambient temperatures. Adjusting a single trimpot can easily do recalibration.

### Type :

- AC Volt / Current Meter
- Watt Meter
- Frequency Meter

### Features

- Microcontroller based Accurate and Reliable
- Voltmeter and Ammeter based on True RMS Technology
- Wattmeter based on Four Quadrant Multiplier Technology
- Ammeter with site selectable range selection using DIP switch facility is available Four Digit Display of all the meters
- Super Bright RED Display
- Floating Decimal Point for better resolution
- As meters are C.T. Based ,It has very low VA burden compared to meters which are shunt based Flexibility.
- As these are microcontroller based, Its range & features can be changed according to user requirement.
- Warning & Alert . They can be programmed according to user specification for alert condition like over and under range.
- These meters can be extended to communicate with industrial communication system like SCADA system , PC interfacing etc.

### Application

- Electrical Pannel.
- Genset Pannel.
- Wind Energy Power Plant.
- Test Benches.
- Lab equipment & UPS System.
- Motor Control Centers.