

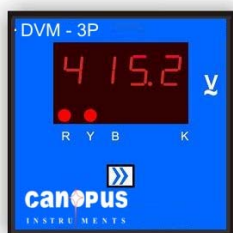
Micro controller Base 3Ø Digital Panel Meter For Power Applications

The **3Ø 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 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 :

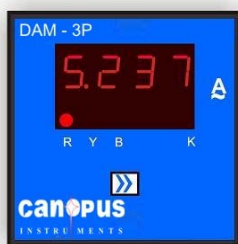
- Digital Volt / Current Meter
- Digital Watt Meter
- Digital Frequency Meter.
- Multifunction Digital Meter.

Digital Volt Meter



Three phase four wire voltmeter. 4 digit seven segment display. CT ratio with password protection through front buttons. Auto-scrolling and manual selection through front buttons.

Digital Ammeter



Three phase four wire ammeter. 4 digit seven segment display. PT ratio with password protection through front buttons. Auto-scrolling and manual selection through front buttons.

Multi Function Digital Meter



Single Phase multifunction meter providing Voltage, Current, Frequency and PF. on bright seven segmnt display. The three buttons provided provide setting of CT Ratio/PT ratio, password protection, Auto-scrolling and manual parameter selection in both directions

Features

- Microcontroller based Accurate and Reliable
- Voltmeter and Ammeter based on True RMS Technology
- Wattmeter based on Four Quadrant Multiplier Technology
- 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.z
- Wind Energy Power Plant.
- Test Benches.
- Lab equipment & UPS System.
- Motor Control Centers.