



Products for Hotel & Tourism

- ✓ Multifunction Meters
- ✓ Powerguard
- ✓ Digital Panel Meters
- ✓ Digital Multimeters
- ✓ Digital Clampmeters
- ✓ Testing & Measuring Instruments
- ✓ Battery Meters
- ✓ Infrared (Body / Forehead) Thermometer
- ✓ Environmental Testing Instruments
- ✓ Power & Harmonics Analyzer

+60 YEARS
ONE MISSION



Reliable

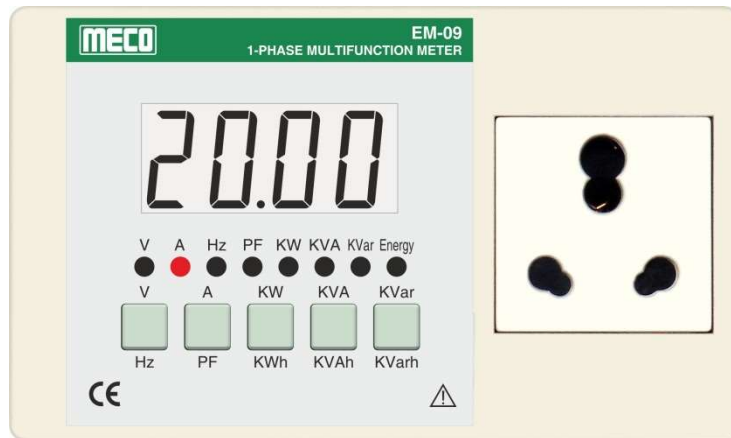


Long-Lasting



Affordable

1 Phase Multifunction Appliance Meter - TRMS



- ✓ 4 Digit LCD Display with Backlight
- ✓ TRMS Measurement
- ✓ 10 Parameters on 10 Display Pages
- ✓ Measures V, A, PF, Hz, KW, KVA, KVar, KWh, KVAh & KVarh
- ✓ LED Indicator for Parameter Indication
- ✓ Power Master Software
- ✓ RS485 Port, 5KV Isolated with MODBUS RTU Protocol
- ✓ Auto / Manual Scroll Display

POWERGUARD

MECO supports
Bureau
of Energy Efficiency
(BEE), Govt. of
India's mission
to institutionalize
certification of
Electric / Electronic
goods for **ECOMARK**
under
Gazette of India



- ✓ Three Pin Socket & Plug Suitable for Indian Socket
- ✓ W (0.2 - 2200W)
- ✓ Measures V, mA, W, PF, CO₂ in Kg, Total Usage
Time, Money, Tariff, Hz, Timer & KWh
- ✓ TRMS V (195 - 265V AC)
- ✓ TRMS mA (Upto 10000mA max.)
- ✓ Memory Retention
- ✓ Built - In Programmable ON / OFF Relay

POWERGUARD -TRMS

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- ✓ Three Pin Socket & Plug Suitable for Indian Socket
- ✓ Active Power (0.026 - 4.800KW)
- ✓ Measures V, A, KW, PF, CO₂ in Kg, Hz & KWh
- ✓ TRMS V (195 - 265V AC)
- ✓ TRMS A (0.110 - 20.00A AC)
- ✓ Apparent Power (KVA)
- ✓ Reactive Power (KVAr)
- ✓ Energy Usage Time (EUT)

4 Digit Programmable Ammeter / Voltmeter - TRMS

CE



- ✓ 4 Digit 9999 Counts Super Bright Display
- ✓ TRMS Using Microcontroller
- ✓ User Programmable Display (CT Primary / PTR / Shunt Value]
- ✓ Auto Selection of Decimal Point
- ✓ Over Range Indication
- ✓ 85-265V AC/DC or 48V DC Auxilliary Supply
- ✓ Accuracy $\pm 0.5\%$ of FSD
- ✓ Size (mm) : 72 x 72, 48 x 96 & 96 x 96

3⁵/₆ Digit 6000 Counts TRMS Autoranging Digital Multimeter

CE



- ✓ 1000V DC & 750V AC
- ✓ 10A DC / AC
- ✓ Holster + Magnet
- ✓ Torch Light + Backlight
- ✓ Temperature (K Type Thermocouple)
- ✓ Frequency, Capacitance & Duty Cycle
- ✓ NCV (LED, Buzzer & EF Strength)
- ✓ Diode Test, Data Hold
- ✓ Audible Continuity
- ✓ Auto Power Off

3⁵/₆ Digit 6000 Counts TRMS Autoranging Digital Multimeter

CE



- ✓ 1000V DC & 750V AC
- ✓ 20A DC / AC
- ✓ Holster with Stand
- ✓ Temperature (K Type Thermocouple)
- ✓ Frequency, Capacitance, Resistance & Duty Cycle
- ✓ Diode Test, Audible Continuity, Data Hold
- ✓ Backlight, Auto Power Off
- ✓ CAT IV 600V, CAT III 1000V

3½ Digit 2000 Counts 600A AC – TRMS Digital Clampmeter

CE



- ✓ 600A AC
- ✓ 600V AC / DC
- ✓ Max Function
- ✓ Auto Ranging
- ✓ Resistance
- ✓ NCV (LED, Buzzer & EF Strength)
- ✓ Torch Light + Backlight
- ✓ Data Hold
- ✓ Auto Power Off

3½ Digit 6000 Counts 600A DC / AC – TRMS Digital Clampmeter

CE



- ✓ 600V & 600A DC / AC
- ✓ Resistance, Capacitance, Frequency
- ✓ Temperature (K Type Thermocouple)
- ✓ NCV (LED, Buzzer & EF Strength)
- ✓ Torch Light + Backlight
- ✓ Duty Cycle
- ✓ Diode Test, Audible Continuity
- ✓ Data Hold
- ✓ Auto Power Off

Clamp - On Earth / Ground Resistance and Leakage Current Tester

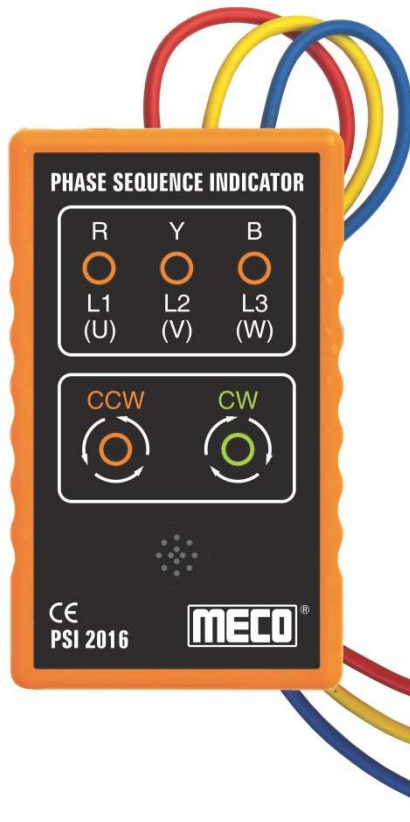
CE



- ✓ Non Contact Ground Resistance Measurement
- ✓ 4 Digit 9999 Counts LCD Backlight Display
- ✓ No Auxilliary Electrodes Needed
- ✓ Ground Resistance Measurement $0.01\Omega \sim 1000\Omega$
- ✓ Leakage Current (0.5mA ~ 30.00A) (Model 4680BLC)
- ✓ Data Storage Memory
- ✓ Data Hold, Noise Signal, Auto Power Off
- ✓ Suitable for Earthing Strip Upto 65mm
- ✓ Suitable for Round Conductor Upto 25mm Dia.

Phase Sequence Indicator

CE



- ✓ 3 Phase Sequence Indication (LED & Buzzer)
- ✓ Reverse Phase Indication (LED & Buzzer)
- ✓ Open Phase Indication (LED & Buzzer)
- ✓ Handy, Rugged & Self Powered
- ✓ R, Y & B Heavy Duty Probes
- ✓ Insulated Crocodile Clips for Safe Connection
- ✓ Voltage Range 100 ~ 600V AC (PH-PH)
- ✓ Frequency Range 40 ~ 400Hz
- ✓ No Battery Required
- ✓ Easy & Safe to Use

Non - Contact Voltage Detector

CE



- ✓ Voltage Range 90 ~ 1000V AC
- ✓ High Pitch Buzzer
- ✓ Fixed Sensitivity
- ✓ Red LED Light Warning
- ✓ Pen Pointer Electric Torch
- ✓ CAT III 1000V
- ✓ Safety Standard Pollution Degree 2
- ✓ Battery Operated
- ✓ Auto Power Off

Battery (Load) Meter



- ✓ 4 To 500Ah
- ✓ 2V, 6V, 12V DC
- ✓ DC Voltmeter upto 0 - 15V DC
- ✓ Internal Resistive Load
- ✓ Battery Condition as OK (Green, WEAK (Yellow) & BAD (Red)
- ✓ Applications : Batteries of Cars, Motor Cycles, UPS, Generators, Automobile, Emergency Lights, Solar Power etc.

Humidity & Temperature Meter

CE



- ✓ Humidity : 0 ~ 100% RH
- ✓ Temperature : - 20 ~ 80°C / - 4 ~ 176°F
- ✓ °C / °F / RH Selection
- ✓ MAX / MIN
- ✓ 9V Battery (installed)
- ✓ Auto Power Off

Air Flow Anemometer

CE



- ✓ Air Flow : 1 ~ 25m/s
- ✓ Temperature : 0 ~ 50°C / 32 ~ 122°F
- ✓ m / Sec, Ft / min, Knots, Km / h, MPH, CFM
- ✓ MAX / MIN / HOLD
- ✓ Backlight
- ✓ 9V Battery (installed)
- ✓ Auto Power Off

Digital Sound Level Meter

CE



- ✓ Range : 35dB ~ 130dB (31.5Hz ~ 8KHz)
- ✓ MAX
- ✓ MIN
- ✓ HOLD
- ✓ Auto Power Off

Digital LUX Meter

CE



- ✓ Range : 0 ~ 200,000 lux / 0 ~ 20,000 fc
- ✓ Selection of lux / fc
- ✓ Max / Min
- ✓ Data Hold
- ✓ Backlight
- ✓ 9V Battery (installed)
- ✓ Auto Power Off

Digital LUX Meter with Flexible Sensor



- ✓ 0.1 ~ 200,000 lux / 0.0 ~ 20,000 fc
- ✓ Selection of lux / fc
- ✓ MAX
- ✓ MIN
- ✓ Backlight
- ✓ Data Hold
- ✓ Auto Power Off with Disable Feature
- ✓ Flexible Sensor for convenience of Testing

Infrared (Body / Forehead) Thermometer

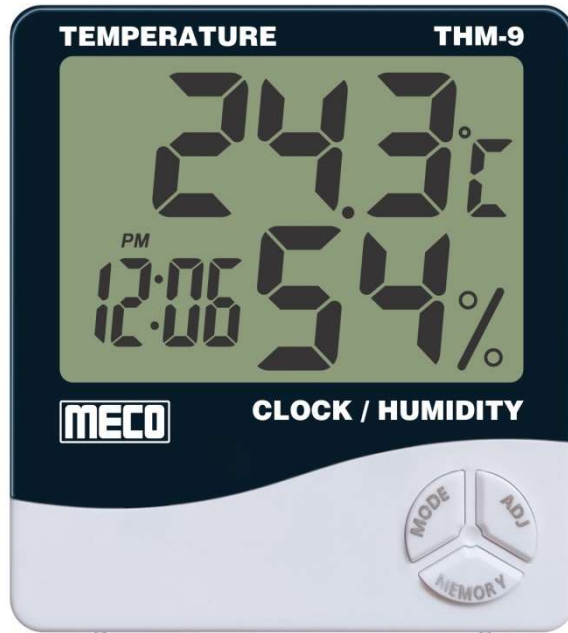


- ✓ Body Temperature : 32°C ~ 43°C / 89.6°F ~ 109.4°F
- ✓ Surface Temperature : 0°C ~ 100°C / 32°F ~ 212°F
- ✓ °C / °F Selection
- ✓ Precise Non Contact Measurement
- ✓ Fast Response
- ✓ Read and Memory
- ✓ Green / Orange / Red Backlight
- ✓ Auto Power Off

Temperature & Humidity Meter (with Clock & Calendar)



CE



- ✓ Range : -10°C ~ 50°C / 14°F ~ 122°F
- ✓ °C / °F Selection
- ✓ MAX / MIN
- ✓ Integral Hour Alarm
- ✓ Clock & Calendar
- ✓ Display : Temperature, Humidity and Time
Simultaneously

Power and Harmonics Analyzer



- ✓ Analysis of 3P4W, 3P3W, 1P2W & 1P3W Systems
- ✓ Display of 35 Parameters in One Screen (3P4W)
- ✓ Programmable CT (1 to 600) and PT (1 to 3000) Ratio
- ✓ Graphic Phasor Diagram, RS-232C-USB Interface
- ✓ TRUE RMS Value, Active Power, Apparent & Reactive Power (KVA, KVAR)
- ✓ RMS, Peak Value and Crest Factor
- ✓ Average/Maximum Demand (KW, MW, KVA, MVA)
- ✓ Analysis of Total Harmonic Distortion (THD-F)

Contact Us

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