



Products for Mining & Metallurgy

- ✓ Digital Earth Resistance Tester
- ✓ Power Line Transducers
- ✓ Analog Panel Meters
- ✓ Digital Panel Meters
- ✓ Digital Multimeters
- ✓ Digital Clampmeters
- ✓ Insulation Testers
- ✓ Testing & Measuring Instruments
- ✓ Infrared Thermometer
- ✓ Thermal Imaging Camera
- ✓ Multifunction Process Calibrator

+60 YEARS
ONE MISSION



Reliable



Long-Lasting



Affordable

Digital Earth Resistance Tester



- ✓ 3½ Digit / 1999 Counts LCD
- ✓ Re-Chargeable Batteries
- ✓ Designed to Reject High Levels of Noise & Interference
- ✓ Range Selection & Single Person Operation
- ✓ Low Battery Indication
- ✓ IEC 1010 CAT III 200V
- ✓ Designed to Generally Conform to IS 10656-1983
- ✓ Capable of Measuring Earth Voltage (0 - 10V AC)

MECO DET 909 is Designed with Technical Know from FUSO Electric Company of Japan.

POWER LINE TRANSDUCERS

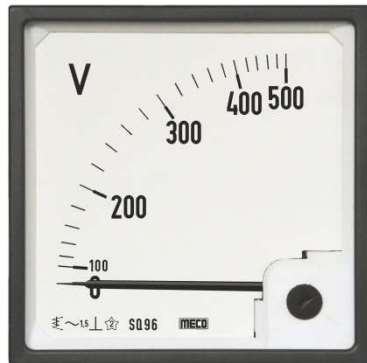
CE



- ✓ Low Ripple in Output Signal
- ✓ Choice of Multiple Asymmetrical Outputs
- ✓ Wide Choices of Suppressed Ranges
- ✓ Open and Short Circuit Protection for Outputs
- ✓ Dual Output (Non-Isolated)
- ✓ Self-Powered, AC, DC, SMPS Auxilliary Supply
- ✓ Bi-Directional Outputs
- ✓ Fast Response Time
- ✓ Bi-Directional Inputs for Import / Export

ANALOG PANEL METERS

CE



- ✓ AC Moving Iron Meters
- ✓ DC Moving Coil Meters
- ✓ AC Moving Coil Rectifier Type Meters
- ✓ Electronic Type W / VAR / PF / Hz Meters
- ✓ Rectangular AC & DC Meters
- ✓ Standard : IS1248
- ✓ Deflection : 90°C & 240°C
- ✓ Size (mm) : 72 x 72, 96 x 96, 144 x 144 & 110 x 110

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

4 Digit Triple Range Programmable Process Indicator with IP-65 Protection



- ✓ Protection Level IP65 on Front (**Optional**)
- ✓ User Programmable 3 Input Ranges In One Meter
- ✓ Input : 4-20mA, 0-20mA & 0-10V DC
- ✓ 4 Digit 9999 Counts LED Display
- ✓ Programmable Display -1999 to 9999
- ✓ Decimal Point Selectable
- ✓ Overload Indication
- ✓ 85-265V AC/DC or 19-90V AC/DC Auxilliary Supply
- ✓ Accuracy $\pm 0.5\%$ of FSD
- ✓ Size (mm) : 48 x 96

LCD / LED Modules



- ✓ 3½ Digit 1999 Counts & 4½ Digit 19999 Counts Display
- ✓ Resolution is 0.0001 to 1 Count Depending on Ranges
- ✓ Over Range Indication "1" or "-1"
- ✓ Decimal Point : Field Selectable
- ✓ 5V DC \pm 10% Auxilliary Supply for GM135 & LC135 (LED Modules)
- ✓ 9V DC \pm 10% Auxilliary Supply for GM035, DH035, GM035-BL, GM045 & LC035 (LCD Modules)

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

3 $\frac{3}{4}$ Digit 4000 Counts 600A AC - TRMS Digital Clampmeter



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

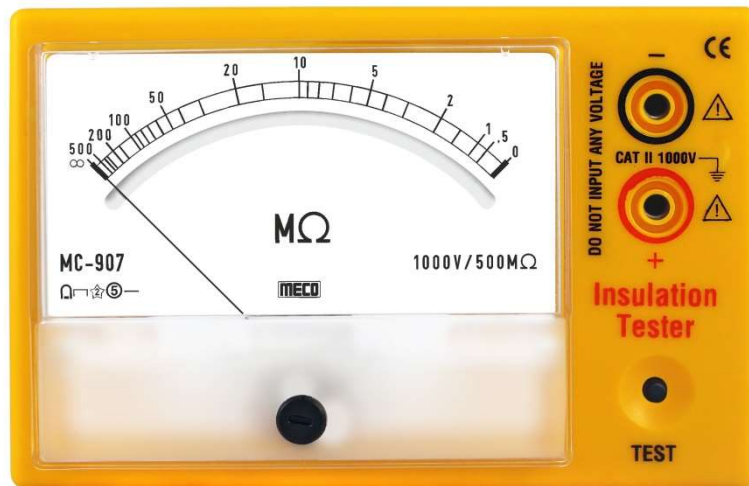
3½ Digit 6000 Counts 600A DC / AC – TRMS Digital Clampmeter



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

Analog Insulation Tester

CE

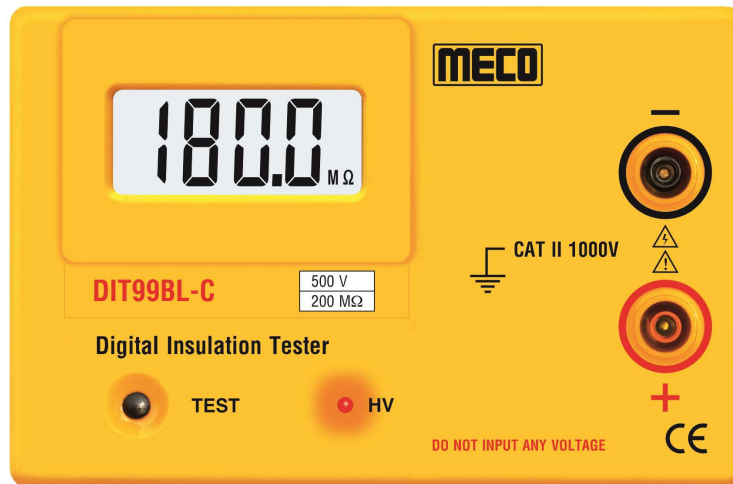


- ✓ Single Person Push Button Operation
- ✓ Meets IEC 61010, CAT II
- ✓ Designed As Per IS 10656-1983
- ✓ Battery Adaptor (Optional - BA Series)

Model	Range	Test Voltage DC
MC-901	0 - 20 MΩ	100V
MC-903	0 - 100 MΩ	500V
MC-904	0 - 500 MΩ	500V
MC-941	0 - 1000 MΩ	500V
MC-906	0 - 200 MΩ	1000V
MC-907	0 - 500 MΩ	1000V
MC-981	0 - 2000 MΩ	1000V

Digital Insulation Tester

CE



- ✓ Single Person Push Button Operation
- ✓ Meets IEC 61010, CAT II
- ✓ Designed As Per IS 10656-1983
- ✓ Battery Adaptor (Optional - BA Series)

Model	Range	Test Voltage DC
DIT99BL - A	0 - 20 MΩ	100V
DIT99BL - B	0 - 200 MΩ	500V
DIT99BL - C	0 - 200 MΩ	500V
DIT99BL - D	0 - 200 MΩ	500V
DIT99BL - E	0 - 2000 MΩ	1000V

2.5kV - 20G Ohms Digital Insulation Tester

CE



- ✓ 500V - 1000V - 2.5kV / 0.1M Ohm To 20G Ohm
- ✓ Single Person Push Button Operation
- ✓ 600V AC Voltage Measurement
- ✓ Auto Range (Insulation Test)
- ✓ Red LED Indicator for High Voltage
- ✓ Low Battery Indication / Low Resistance Warning
- ✓ IS 10656-1983 and EMC IEC 61326 Class B
- ✓ CAT III 600V, IEC / EN 61010-1 & 61010-31

5kV - 200G Ohms Digital Insulation Tester

CE



- ✓ 1000V - 2.5kV - 5kV / 0.1M Ohm To 200G Ohm
- ✓ 600V AC Voltage Measurement
- ✓ Red LED Indicator for High Voltage
- ✓ Phase Sequence, Phase Status Indication and Beep Facility
- ✓ Protection to Prevent the Harm of Reverse Voltage
- ✓ Over Range Indication
- ✓ Battery Operated with AC Adaptor
- ✓ IS 10656-1983 and EMC IEC 61326 Class B
- ✓ CAT III 600V, IEC / EN 61010-1 & 61010-31

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 0.01Ω ~ 1000Ω
- ✓ 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.

Clamp-On TRMS Power Meter (1000A, 600kW)

CE



- ✓ 1 ϕ and 3 ϕ (3 ϕ 3W / 3 ϕ 4W) Power Analyzer
- ✓ 4 Digit 9999 Counts LCD
- ✓ TRUE Power, AC Inrush Current, Phase Angle
- ✓ Dual Display, Autoranging
- ✓ HP, KW, KVA, KVAR, HZ, PF, AC A, AC / DC V
- ✓ Resistance, Capacitance, Temperature
- ✓ Diode Test, Data Hold, Auto Power Off
- ✓ Jaw Opening Cable / Conductor Upto 43mm / Bus Bar Upto 65 x 16mm

Industrial Infrared Thermometer

CE



- ✓ Temperature Range: -50°C~1050°C / -58°F~1922°F
- ✓ Distance Spot Ratio 50 : 1
- ✓ °C / °F Selection
- ✓ Laser Switch
- ✓ Backlight Display
- ✓ Low Battery Indication
- ✓ MAX / MIN / DIF / AVG Function
- ✓ Data Storage
- ✓ High / Low Temperature Alarm Setting Function
- ✓ Auto Power Off

Thermal Imaging Camera

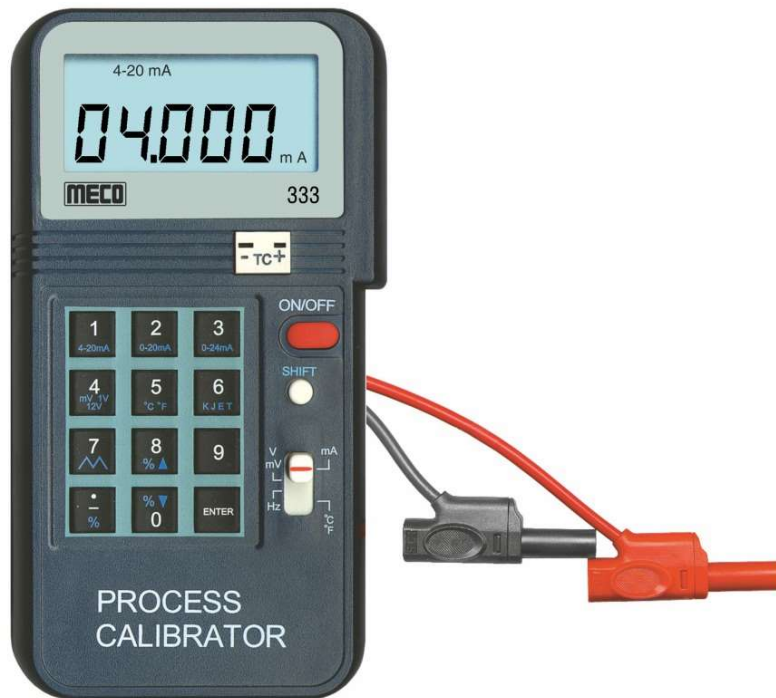
CE



- ✓ 2.4" Color Display
- ✓ Infrared Image Resolution : 60 x 60
- ✓ Total Pixels : 3600, File Format : BMP
- ✓ Temp. Range : -20°C ~ 300°C / -4°F ~ 572°F
- ✓ Wavelength Range : 8 ~ 14μm
- ✓ Storage : Micro SD Card (4 GB)
- ✓ Image Capturing Frequency : 6Hz
- ✓ Palette : Iron Color, Rainbow High Contrast, Gray Scale (Black Glow) & White Scale (White Glow)

Multifunction Process Calibrator

CE



- ✓ 4 & 5 Digit LCD Display with Annunciator
- ✓ 4 - 20mA, 0 - 20mA & 0 - 24mA DC Selectable
- ✓ 0 - 100.00mV, 0 - 1.0000V, 0 - 12.000V DC
- ✓ Frequency Range 1 - 62500 Hz
- ✓ DC Current Basic Accuracy 0.025%
- ✓ Beeper Warning when Outputs is Open (mA) or Short (mV, V)
- ✓ K, J, E & T Thermocouples (°C & °F)
- ✓ Easy Key Pad Number Operation
- ✓ Easy Step & Auto Ramp Functions

Contact Us

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