



Products for R&D Organizations & Labs



- ✓ Digital Portable Meters
- ✓ Digital Multimeters
- ✓ Digital Clampmeters
- ✓ Micro-Ohm Meter & Mili-Ohm Meter
- ✓ Temperature & Humidity Meter
- ✓ Power & Harmonics Analyzer
- ✓ Calibrator
- ✓ Multifunction Process Calibrator
- ✓ High Voltage Resistance Box
- ✓ Clamp-On CT

+60 YEARS
ONE MISSION



Reliable



Long-Lasting



Affordable

Digital Multi-Range Portable Meter



- ✓ 5 Digits DC / AC TRMS Multi-Range Ammeters / Voltmeters
- ✓ Precision Class 0.5
- ✓ Backlight Display with Annunciators
- ✓ USB Port (Standard)
- ✓ User Interface Software (Optional)
- ✓ Data Hold & Auto Power Off
- ✓ Low Battery Indication
- ✓ Strong Rugged Casing with Tilt Stand
- ✓ Calibration Certificate Traceable to NABL Lab

4½ Digit 19999 Counts TRMS Autoranging Digital Multimeter

CE



- ✓ 1000V DC & 750V AC
- ✓ 10A AC / DC
- ✓ Frequency, Capacitance, Resistance
- ✓ MIN / MAX, ΔZERO / REL
- ✓ Diode Test
- ✓ Audible Continuity
- ✓ Data Hold
- ✓ Backlight
- ✓ Auto Power Off
- ✓ CAT III 600V

3⁵/₆ Digit 6000 Counts 1000A AC - TRMS Digital Clampmeter

CE



- ✓ 1000A AC
- ✓ 1000V DC & 750V AC
- ✓ Resistance, Capacitance & Frequency
- ✓ Temperature (K Type Thermocouple)
- ✓ Duty Cycle, Diode Test & Data Hold
- ✓ Auto / Manual Ranging
- ✓ Micro Amp Measurement for HVAC Flame Sensors

Micro - Ohmmeter (7272) / Milli - Ohmmeter (7002)

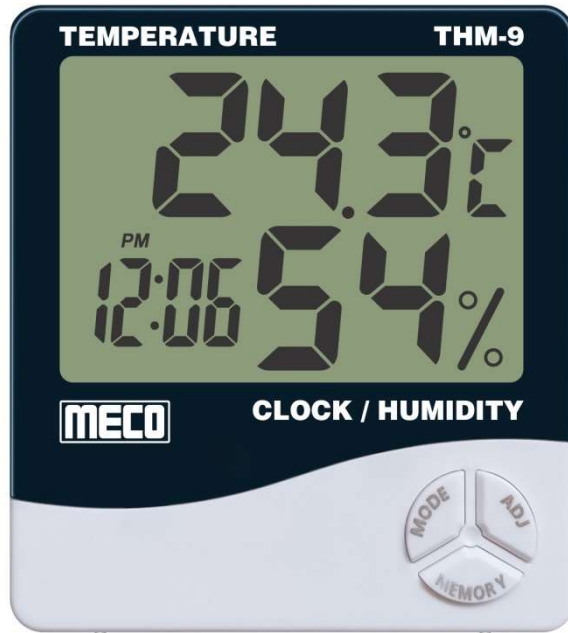


- ✓ Four Terminal Kelvin Measurement
- ✓ Measurement of Resistive and Inductive Materials
- ✓ Test Current : 10A (60mΩ) for 7272, 5A (120mΩ) for 7002
- ✓ Cable Length Measurement in feet & meters
- ✓ Large LCD with Backlight & Data Hold Function
- ✓ Manual / Auto Range
- ✓ Memory for 3000 Measurements Data
- ✓ Rechargeable Batteries with AC Adaptor
- ✓ RS232 - USB Bridge Cable with Software

Temperature & Humidity Meter (with Clock & Calendar)



CE



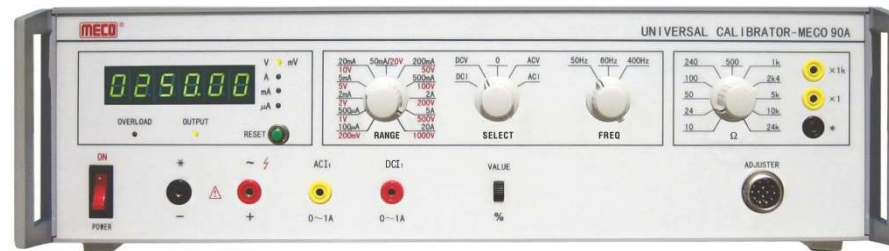
- ✓ Range : -10°C ~ 50°C / 14°F ~ 122°F
- ✓ °C / °F Selection
- ✓ MAX / MIN
- ✓ Integral Hour Alarm
- ✓ Clock & Calendar
- ✓ Display : Temperature, Humidity and Time
Simultaneously

Power and Harmonics Analyzer

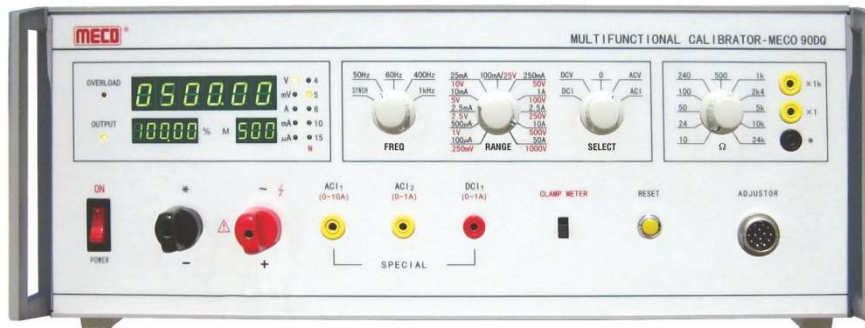


- ✓ Analysis of 3P4W, 3P3W, 1P2W & 1P3W Systems
- ✓ Display of 35 Parameters in One Screen (3P4W)
- ✓ Programmable CT (1 to 600) and PT (1 to 3000) Ratio
- ✓ Graphic Phasor Diagram, RS-232C-USB Interface
- ✓ TRUE RMS Value, Active Power, Apparent & Reactive Power (KVA, KVAR)
- ✓ RMS, Peak Value and Crest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

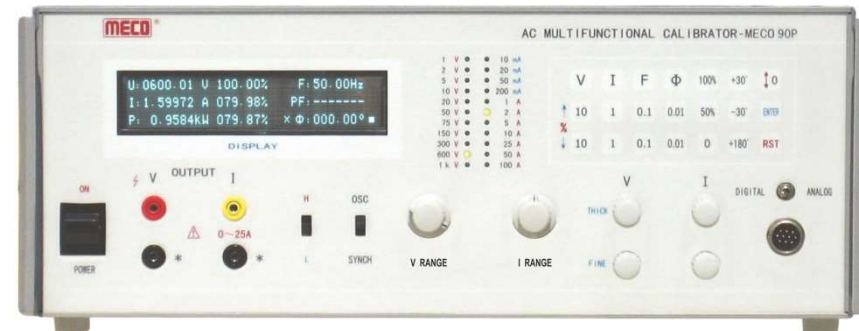
Calibrating Equipment



Universal Calibrator



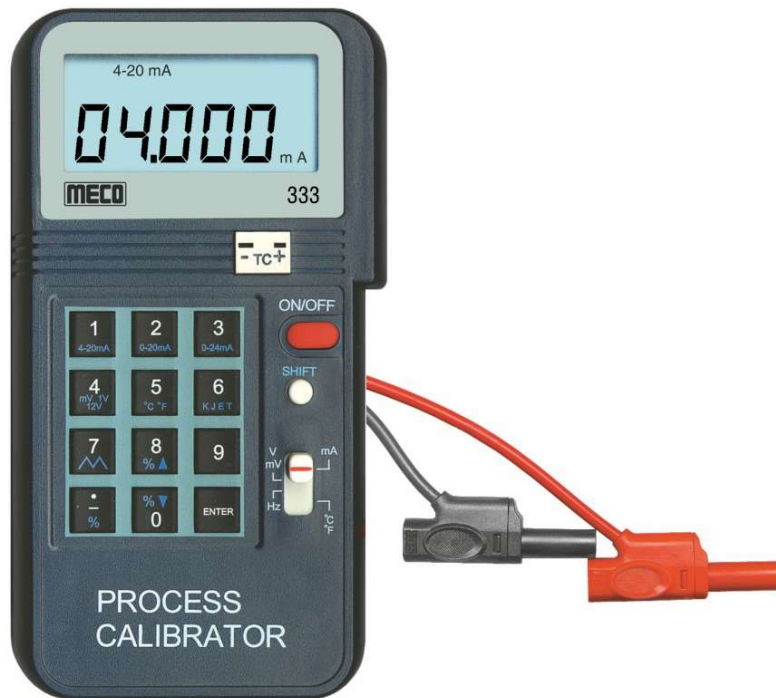
Multifunctional Calibrator



AC Multifunctional Calibrator

Multifunction Process Calibrator

CE



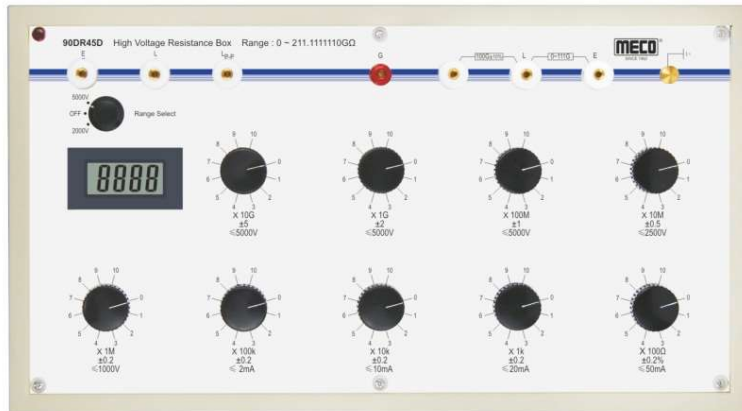
- ✓ 4 & 5 Digit LCD Display with Annunciator
- ✓ 4 - 20mA, 0 - 20mA & 0 - 24mA DC Selectable
- ✓ 0 - 100.00mV, 0 - 1.0000V, 0 - 12.000V DC
- ✓ Frequency Range 1 - 62500 Hz
- ✓ DC Current Basic Accuracy 0.025%
- ✓ Beeper Warning when Outputs is Open (mA) or Short (mV, V)
- ✓ K, J, E & T Thermocouples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

2.5kV - 5GΩ High Voltage Resistance Box



- ✓ Upto 2.5kV - 5GΩ
- ✓ Compact and Portable
- ✓ 0.01MΩ - 5GΩ (17 Ranges)
- ✓ 100V - 2.5kV DC
- ✓ Accuracy 0.2% - 2%
- ✓ Insulation Resistance Between Circuit & Housing is >500GΩ
- ✓ Maximum Withstand Voltage 2000V AC For <60 Sec
- ✓ Calibration Report Traceable to NABL

5kV - 211.111110GΩ High Voltage Resistance Box



- ✓ 4½ Digit LCD Display
- ✓ Upto 5kV - 211.111110GΩ
- ✓ Compact and Portable
- ✓ 0 - 1999.9V - 5000V DC (RMS / Vpp)
- ✓ Basic Accuracy 0.2%
- ✓ Insulation Resistance Between Circuit & Housing is 1TΩ
- ✓ Maximum Withstand Voltage 10000V AC (RMS) For <math>< 60</math> Seconds

Clamp - On CT for 100A, 500A AC, 1000A & 2000A AC



- ✓ Clamp-On Design, Safe, Easy to Install, Portable
- ✓ Output : 5A AC
- ✓ Accuracy 1.0%
- ✓ Casing Blue Colour for CCT50 & Black Color for CCT602
- ✓ Red or Yellow or Blue Colour Sticker For Phase Identification

Contact Us

Region	 	
North India & Goa	+91-93244 11558	ni1@mecoinst.com ni2@mecoinst.com
South India	+91-93242 89268	si1@mecoinst.com si2@mecoinst.com
East India, M.P. & Gujarat	+91-93244 05281	emg1@mecoinst.com emg2@mecoinst.com
Maharashtra	+91-93720 11735	mh1@mecoinst.com