

MultiPro[®] Series Professional MultiMeters

High Performance Autoranging Digital MultiMeters with RS-232 PC Interface

True RMS is ideal for voltage and current measurements of distorted waveforms in office and industrial locations

Features:

- High basic DC Voltage accuracy of 0.08%
- Wide AC Voltage bandwidth of 40Hz to 20kHz
- Rugged design with protective holster and water resistant housing
- Optically isolated RS-232 PC interface with Windows[®] 95/98/NT/2000/ME/XP compatible software (optional) allows user to collect, display, plot, save or export data or graphs
- Backlit 5000 count LCD display for high resolution (0.01mV, 0.1μA, 0.01Ω, 0.01nF, 0.001Hz)
- Smart auto power off is disabled if signal is present at test leads
- Hold and low resistance auto-lead zero
- Measurement functions include AC/DC Voltage and Current, Resistance, Frequency, Capacitance, Diode and Continuity
- Complete with built-in stand, CAT. III test leads, protective holster, 9V battery and temperature probe (-58 to 482°F/-50 to 250°C) for MP530

Additional Features Model MP530:

- True RMS measurements for AC Voltage and Current
- °F/°C Temperature function
- Analog bargraph Zoom provides 5x resolution to detect small signals (updates 60/sec)

Applications:

- Wide bandwidth for audio frequency and digital electronic production test and repair
- Wide AC Voltage bandwidth of 40Hz to 20kHz



MP510

MP530



All models include Double injection molded CAT. III - 1000V Test Leads for safety, better grip and added durability.

Ordering Information:

MP510.....MultiPro[™] Professional MultiMeter
MP510-NIST ..MultiPro[™] Professional MultiMeter with NIST Cert.
MP530.....MultiPro[™] True RMS Professional MultiMeter & Temp
MP530-NIST ..MultiPro[™] True RMS Professional MultiMeter w/NIST
SW800.....MultiPro[™] Software Diskette and RS-232 Cable
TP872Spare bead wire Temperature Probe
TL805Water Damage Restoration Kit
TL807Set of Alligator Clips (2pk)
CA899Vinyl Pouch Carrying Case
FS880Spare Fuse

Specifications	Range	Max. Resolution	Basic Accuracy (%rdg+digits)
DC/AC Voltage:	50mV, 500mV, 5V, 50V, 500V, 1000V	0.01mV	±(0.08%+2d) DC ±(0.5%+3d) AC
DC/AC Current:	500μA, 5000μA, 50mA, 500mA, 5A, 10A	0.1μA	±(0.2%+4d) DC ±(0.6%+3d) AC
Resistance (Ω)	50, 500k, 5k, 50k, 500k, 5M, 50MΩ	0.01Ω	±(0.1%+2d)
Capacitance	50nF, 500nF, 5μF, 50μF, 500μF, 9999μF	0.01nF	±(0.8%+3d)
Frequency	0.001Hz to 125kHz	0.001Hz	±(0.01%+2d)
Temperature (MP530 only)	-58 to 1832°F (-50 to 1000°C)	1°F/°C	±(0.3%+3d)
Dimensions/ Wt	7.32 x 3.42 x 1.39" (186 x 87x 35.5mm) / 0.75lb (340g)		



Mouser Electronics

Authorized Distributor

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