

# 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 IV test leads, protective holster, 9V battery and general purpose temperature probe for MP530A

## 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



MP510A

MP530A



All models include Double injection molded CAT IV - 600V Test Leads for safety, better grip and added durability.

## Ordering Information:

**MP510A** .....MultiPro® Professional MultiMeter  
**MP510A-NIST** ..MP510A w/ Calibration Traceable to NIST  
**MP530A** .....MultiPro® True RMS Professional MultiMeter & Temp  
**MP530A-NIST** ..MP530A w/ Calibration Traceable to NIST  
**SW810A** .....MultiPro® Software CD and RS-232 Cable  
**USB100** .....RS-232 to USB Adaptor  
**TP873** .....Spare bead wire Temperature Probe  
**TL805** .....Spare set of CAT IV-600V Test Leads  
**TL807** .....Set of Alligator Clips (2pk) for TL805  
**CA899** .....Vinyl Pouch Carrying Case

Specifications	Range	Max. Resolution	Basic Accuracy (%rdg+digits)
DC/AC Voltage:	50mV, 500mV, 5V, 50V, 500V, 1000V	0.01mV	±(0.08%+2d) DC ±(0.8%+3d) AC
DC/AC Current:	500µA, 5000µA, 50mA, 500mA, 5A, 10A	0.1µA	±(0.2%+4d) DC ±(0.8%+4d) AC
Resistance (Ω)	50, 500, 5k, 50k, 500k, 5M, 50MΩ	0.01Ω	±(0.1%+2d)
Capacitance	50nF, 500nF, 5µF, 50µF, 500µF, 9999µF	0.01nF	±(0.8%+3d)
Frequency	5Hz to 125kHz	0.001Hz	±(0.01%+2d)
Temperature (MP530A 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)		