



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# MultiPro<sup>®</sup> 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<sup>®</sup> 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)

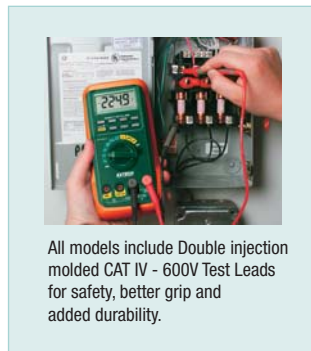
## Applications:

- 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<sup>®</sup> Professional MultiMeter
- MP510A-NIST ..MP510A w/ Calibration Traceable to NIST
- MP530A .....MultiPro<sup>®</sup> True RMS Professional MultiMeter & Temp
- MP530A-NIST ..MP530A w/ Calibration Traceable to NIST
- SW810A .....MultiPro<sup>®</sup> 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<br>±(0.8%+3d) AC |
| DC/AC Current:            | 500µA, 5000µA, 50mA, 500mA, 5A, 10A                    | 0.1µA           | ±(0.2%+4d) DC<br>±(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) |                 |                                 |

