

# MM520 & MM525 True RMS Multimeters with LPF

**True RMS provides better accuracy when measuring non-sinusoidal or noisy waveforms**

## Features:

- Measures AC/DC Voltage and Current, Resistance, Temperature, Capacitance, Frequency, Diode and Continuity
- 600  $\mu$ A Current measurement
- Low Pass Filter (LPF) for filtering frequency and harmonic interference when measuring variable frequency drives
- LoZ (impedance) mode for indentifying ghost voltages (MM525)
- Built-in NCV Detector
- Data Hold, Relative mode and Min/Max
- Low battery indicator and auto power off
- Includes test leads, temperature probe, pouch case and (2) AA batteries
- 1 year warranty

## Applications:

Diagnose common wiring problems; Test batteries, solar cells, wall plugs, and power outlets; Check polarity of wires in wiring installations; Measure input and output resistance of circuits (motors, transformers, resistors); Check continuity of wires, circuits

## Specifications

	MM520	MM525
Display counts	6000 count	6000 count EBTN w/bargraph
Basic Accuracy	$\pm 0.7\%$	$\pm 0.7\%$
AC/DC Voltage	600V	600V
AC/DC Current	10A	10A
AC/DC $\mu$ A Current	600 $\mu$ A	600 $\mu$ A
Resistance	60M $\Omega$	60M $\Omega$
Temperature	-40 to 1832°F (-40 to 1000°C)	-40 to 1832°F (-40 to 1000°C)
Capacitance	100mF	100mF
Frequency	10MHz	10MHz
Duty Cycle	0.1 to 99.9%	0.1 to 99.9%
Continuity	<10 $\Omega$	<10 $\Omega$
Low Pass Filter (LPF)	Yes	Yes
LoZ	—	Yes
NCV Detector	Yes	Yes
Clamp Adapter Input	10mV/A (60A max)	—
Safety Category	CAT III-600V	CAT III-600V
Dimensions	6.9 x 3.2 x 1.9" (175 x 81 x 48.5mm)	6.9 x 3.2 x 1.9" (175 x 81 x 48.5mm)
Weight	12.3oz. (350g)	12.2oz. (345g)

## Ordering Information:

MM520	True RMS Multimeter with LPF
MM520-NIST	MM520 with Certificate of Traceability to NIST
MM525	True RMS Multimeter with LPF and LoZ
MM525-NIST	MM525 with Certificate of Traceability to NIST



### Model MM520:

- 60A Clamp Adapter input can be used with any adapter that has a 10mV/A output

### Model MM525:

- 6000 count EBTN (Enhanced Black Twisted Nematic) display w/31-segment bargraph
- LoZ mode (Low Impedance)

