

### Digital Multimeter — For Volts, Amps, Ohms and Temperature



#### Design Features

- \* True RMS Autoranging DMM
- \* Type K thermocouple built in for air or water temperature measurements
- \* Input fuse protection and misconnection warnings
- \* Data Hold for AC/DC voltage and current
- \* Relative function for establishing a baseline reference
- \* Advanced measurements include Capacitance, Frequency and Duty Cycle
- \* Low current capability — measure down to 0.1μA
- \* CE, UL, CAT III – 600V
- \* 3-year warranty

#### Specifications

<b>Display:</b> 4000 counts, backlit	<b>Resistance:</b> 0.1 to 40MΩ
<b>Basic Accuracy:</b> ±0.3%	<b>Capacitance:</b> 0.01nF to 100μF
<b>DC Voltage:</b> 0.1mV to 1000V	<b>Frequency:</b> 0.001Hz to 10MHz
<b>AC Voltage:</b> 0.1mV to 750V	<b>Temperature Type K:</b> -4° to 1382°F (-20 to 750°C)
<b>DC Current:</b> 0.1μV to 20A	<b>Duty Cycle:</b> 0.1 to 99.9%
<b>AC Current:</b> 0.1μV to 20A	<b>Diode/Continuity:</b> Yes

#### Part Number: EMV00018

Complete with CAT III test leads, multi-position tilt stand and velcro strip for hanging, protective holster with test lead holder, bead wire temperature probe and 9 Vdc battery.

*All Items Available from Stock*

### 400 Amp Clamp-On Multimeter with Temperature and Non-Contact Voltage Detector



#### Design Features

- \* Built-in Non-Contact Voltage Detector with LED alert
- \* 4000 count, backlit LCD display
- \* 1.2" jaw size for conductors up to 350MCM
- \* Relative Mode for Capacitance Zero and Offset Adjustment
- \* Data Hold
- \* Auto Power Off
- \* Complete with test leads, general purpose Type K bead wire temperature probe, two AAA batteries, and carrying case

Specifications	Range	Maximum Resolution	Basic Accuracy
<b>Display Counts:</b>	4000		
<b>AC Current:</b>	40.00A, 400.0A	0.01A	±(2.5%+8d)
<b>AC Voltage:</b>	4.00V, 40.00V, 400.0V, 600V, 400.0mV, 4.000V, 40.00V, 400.0V	0.001V	±(1.8%+8d)
<b>DC Voltage:</b>	600V	0.1mV	±(0.8% +2d)
<b>Resistance:</b>	400.0Ω, 4.000kΩ, 40.00kΩ, 400.0kΩ, 4.000MΩ, 40.00MΩ	0.1Ω	±(0.8% +2d)
<b>Frequency:</b>	10Hz to 10kHz	0.01Hz	±(1.5%+2d)
<b>Capacitance:</b>	40.00nF, 400.0nF, 40.00uF, 100.0uF	0.01nF	±(3.0%+5d)
<b>Temperature:</b>	Type K tc, -4° to 1400°F (-20° to 760°C)	0.1°	±(3.0%+9°F or 5°C)
<b>Duty Cycle:</b>	0.5 to 99.0%	0.1%	±(1.2%+2d)
<b>Diode Test:</b>	Yes		
<b>Continuity Test:</b>	Yes		
<b>Dimensions:</b>	7.9" × 2.6" × 1.5" (200 × 66 × 37 mm)		
<b>Weight:</b>	7.2oz. (205g)		

#### Part Number: EMV00060

The EMV00060 is the perfect meter for plant maintenance or HVAC repair. Besides the standard voltage current and resistance, the additional functions of temperature, capacitance, frequency and duty cycle make this the perfect all-in-one service tool.

### Megohmmeter/ Insulation Tester

#### Design Features:

- \* Three test ranges:  
200M $\Omega$ /1000VDC  
200M $\Omega$ /500VDC  
200M $\Omega$ /250VDC
- \* Power lock for 3-minute test
- \* Auto power off and Data Hold
- \* No voltage drop at low resistance
- \* Full function indication and Overload Protection
- \* Measures resistance to 200 $\Omega$  and Volts to 750VAC
- \* 1mA test current ensures 1000V/500V/250V rating
- \* Complete with 6 AA batteries, test leads and case with neck strap

Part Number: EMM00010

Specifications	Range
Insulation Voltage:	250/500/1000
Insulation Resistance (accuracy):	200/2000M $\Omega$ (3% + 5 digits)
Output short circuit current:	$\leq$ 2.5mA
Resistance (accuracy):	200 $\Omega$ (1% reading)
Overload Protection:	2200 V (<1 min)
Dimensions:	3.8" $\times$ 6.3" $\times$ 2.3" (97 $\times$ 160 $\times$ 58mm)



All Items Available from Stock