



EEDM570

Low Current Color Digital Display Clamp Meter

You are the expert, this tool will help you solve electrical problems

Measures parasitic draw inductively through the jaw

Features and Benefits

- Measures DC V, AC V, OHMS, DC AMPS, AC AMPS, Hz, mA DC, AC, Temperature and Capacitance
- Inductive Amp Reading 0-100A, 0 - 5,000 mA
- Auto-ranging and auto-zero on all amp functions
- 7/8" (22.5 mm) cable clamp opening enables use on battery cables even heavy duty sizes
- Bar graph to monitor rapidly changing signals
- True RMS for accurate AC readings
- AC/DC amps – for current readings
- AC/DC volts – for voltage readings
- OHMS – for resistance tests
- Capacitance – for testing capacitors
- Frequency – for testing on/off cycling of voltage
- Peak-hold – captures high readings
- Record – captures Min/Max readings
- Temperature – F and C

CE - DE, ES, FR, IT, GB, NL & JP



Cat III 600V



Country of Origin: SOUTH KOREA



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Included Components

- | | |
|--------------|-------------------------------|
| EEDM504B3 | Lead Set |
| MT586B1 | Temperature probe and adaptor |
| MTA70 | Alligator Clips |
| EEDM575DBCSE | Pouch |



Specifications

Altitude Maximum, meters	2000
Auto Power Off, Minutes of Inactivity	15
Battery Life, Hours	8
Display Type	5,000 Count, Negative VA type (Color) LCD, Backlight always On
Max Volt (between any input and ground), V AC/V DC	600/600
Operating Temperature Range, C° (F°)	0-40 (32-104)
Power Supply	9 V 6LR61 6F22 (Alkaline Battery)
Relative Humidity Percentage	0-80
Size, H x L x W mm (in)	265 x 73 x 39 (10.4 x 2.9 x 1.5)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Temperature Coefficient	0.1 x (specified accuracy)/ °C (<18 °C or >28 °C)
Weight, g (oz)	315 (11)

DCV

Range	RES	Accuracy	Impedance
5	0.001V	±(1.5% +2 digits)	10 Meg Ohm
50	0.01V		
500	0.1V		
600	1V	±(2.0% +2 digits)	

ACV (50Hz/60Hz)

Range	RES	Accuracy	Impedance
5	0.001V	±(1.5% +5 digits)	10 Meg Ohm
50	0.01V		
500	0.1V		
600	1V	±(2.0% +5 digits)	

DCmV

Range	RES	Accuracy	Impedance
50mV	0.01mV	±(1.5% +5 digits)	10 Meg Ohm
500mV	0.1mV	±(0.8% +5 digits)	

ACmV (50Hz/60Hz)

Range	RES	Accuracy	Impedance
500mV	0.1mV	±(1.0% +10 digits)	10 Meg Ohm

WARNING

- Use of diagnostic equipment on a rotating engine poses a risk of flying particles and entanglement
Wear safety goggles (User and Bystander)
Use caution in routing cables
Flying particles can cause injury
Poorly routed cables and test leads can cause entanglement and injury
- Use of diagnostic equipment can cause electrical shock, fire, and explosion
Use caution and proper procedures when connecting and disconnecting leads
Diagnostic equipment must be located 18" or more above floor level
- Avoid sparks and other sources of ignition**
Electrical shock, flames and explosion can cause injury
- Improper use can cause hazardous conditions
Read and follow all safety precautions accompanying the product
Unexpected electrical, thermal, or mechanical occurrences can cause injury
Read additional safety warnings on pages W1 to W4 in Catalog 1300





Specifications Continued

EEDM570

OHM

Range	RES	Accuracy	Protection
500Ω	0.1 Ω	±(1.0% +4 digits)	600V DC or AC Peak
5kΩ	0.001 kΩ	±(1.5% +2 digits)	
50kΩ	0.01 kΩ		
500kΩ	0.1 kΩ		
5MΩ	0.001M Ω	±(1.5% +3 digits)	
50MΩ	0.01 MΩ	±(3.5% +5 digits)	

Diode Test

Test Voltage	Max Test Current	Protection
3.3V DC	Approx. 1mA	600V DC or AC Peak

Continuity Buzzer

Test Current	Threshold	Protection
<0.4mA	<230 Ω	600V DC or Peak AC

Capacitance

Range	RES	Accuracy	Protection
50nF	0.01nF	±(5.0% +20 digits)	600V DC or AC Peak
500nF	0.1nF	±(3.0% +5 digits)	
5uF	0.001uF		
50uF	0.01uF		
500uF	0.1uF	±(4.0% +10 digits)	
5000uF	0.001mF	±(5.0% +10 digits)	

Temperature (K-Type) Range

Range	RES	Accuracy	Protection
-40 to 999.9 °F	0.1 °F	±(3.0% +9 °F)	600V DC or AC Peak
>1000 °F	1 °F		
-40 to 999.9 °C	0.1 °C	±(3.0% +9 °C)	
>1000 °C	1 °C		

Frequency (Auto Ranging Only)

Range	Accuracy	Protection
0.5 Hz to 199.9k Hz	±(1.5% +2 digits)	600V DC or AC Peak

DCmA (Measured with Clamp)

Range	RES	Accuracy	Protection
5000mA	1mA	±(2.8% +20 digits)	150A
DC Amp range specified from 5% to 100% of range			

ACmA (Measured with Clamp)

Range	RES	Accuracy	Protection
5000mA	1mA	±(3.0% +20 digits)	150A
DC Amp ranges specified from 5% to 100% of range			

DCA (Measured with Clamp)

Range	RES	Accuracy	Protection
100A	0.1A	<80.0 Amps =	150A
		±(3.0% +8 digits)	
		>80.0 Amps =	
		±(5.0% +8 digits)	
DC Amp ranges specified from 5% to 100% of range			

ACA (Measured with Clamp)

Range	RES	Accuracy	Protection
100A	0.1A	<80.0 Amps =	150A
		±(3.0% +8 digits)	
		>80.0 Amps =	
		±(5.0% +8 digits)	
AC Amp ranges specified from 5% to 100% of range			

