

CM1200 3 1/2 Digits Manual Range Mini DMM

Features:

- DC/AC voltage up to 600V
- DC current up to 10A
- Resistant up to 2000k Ω
- Diode / Continuity test
- Transistor test
- Separate battery compartment
- IEC1010/EN61010, CE approved



Accessories:

- User's manual
- Test lead (CT-2A)
- 9V battery

Optional Accessory:

- Holster (CH1B)
- Soft carrying pouch (CP1)
- Soft carrying pouch (CP2)

GENERAL SPECIFICATION

Display	3 1/2 digit LCD with max. reading of 1999.
Polarity	Automatic, (-) negative polarity indication.
Zero adjustment	Automatic.
Over range indication	Only the MSD "1" is displayed.
Power	Single, standard 9 V battery NEDA 1604, JIS 006P, IEC6F22.
Dimension	72 (W) x 134 (H) x 28 (D) mm.
Weight	Approx. 240gm. (including battery and packaging).

Due to our policy of continual product development we reserve the right to amend the specifications of all mentioned products without notice.

**TECHNICAL SPECIFICATION**

Accuracies are \pm (% of reading + number of least significant digits), at 23 \pm 5°C, less than 75%RH

DC Voltage	Range	Resolution	Accuracy	Input Impedance	Overload Protection
	200mV	0.1mV	$\pm(0.8\%+1)$	1M Ω	600V DC/AC rms
	2000mV	1mV			
	20V	0.01V			
	200V	0.1V			
	600V	1V			

AC Voltage	Range	Resolution	Accuracy	Frequency (Hz)	Input Impedance	Overload Protection
	200V	0.1V	$\pm(1.5\%+10)$	40-400	450k Ω	600V DC/AC rms
	600V	1V				

DC Current	Range	Resolution	Accuracy	Voltage Drop	Overload Protection
	200 μ A	0.1 μ A	$\pm(1.0\%+2)$	200mV	Fast 200mA/250V Fuse
	2000 μ A	1 μ A			
	20mA	0.01mA			
	200mA	0.1mA	$\pm(1.2\%+2)$	Unfused	
10A	0.01A	$\pm(2.0\%+5)$			

Resistance	Range	Resolution	Accuracy	Open circuit voltage	Overload Protection
	200 Ω	0.1 Ω	$\pm(1.0\%+3)$	$\leq 3.0V$	250V DC/AC rms <10 sec.
	2000 Ω	1 Ω			
	20k Ω	0.01k Ω			
	200k Ω	0.1k Ω			
	2000k Ω	1k Ω	$\pm(1.2\%+5)$		

Transistor	HFE value
hFE Test	0-1000

Diode Test	Test voltage	Test Current	Open Circuit Voltage
$\rightarrow + \cdot \cdot \cdot \cdot$)	Approx. 2.4V	1.0 \pm 0.6mA	2.8 - 3.0V

Continuity Test	Test Range	Test Current	Open Circuit Voltage
	Buzzer sounds when resistance value < 100 Ω	1.0 \pm 0.6mA	2.8 - 3.0V

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