



DM7C

Digital Multimeter

Full performing meter

- Digital display multimeter for home, auto, boat, RV, or workshop
- 6 functions/14 ranges
- Special ranges to test batteries
- Industry standard test leads, safety rated
- Protective holster included
- CAT II 600 V rated

No hassle warranty

No waiting.

No shipping charges.



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)

Included Accessories

Protective holster, test leads, battery and users manual.

Optional Accessories

VC30A Vinyl Case





DM7C Digital Multimeter

Data Sheet

General Specifications

Display	3-1/2 digit LCD, 1999 counts
Display Update Rate	2 per sec. nom.
Range Selection	Manual
Power Supply	9 V battery, NEDA 1604, JIS006P, IEC 6F22
Battery Life	Alkaline 500 hours, approx.
Operating Temperature	0 °C to + 50 °C, 0 to 80 % R.H. non-condensing
Storage Temperature	- 10 °C to + 60 °C, 0 to 80 % R.H. non-condensing, batteries removed
Altitude	2000 m
Fuse	200 mA / 600 V
Dimensions (H x W x D)	17 cm x 8.5 cm x 5 cm (6.69 in x 3.35 in x 1.97 in)
Weight	410 grams (incl. battery and holster)
Warranty	One-year

Specifications

Accuracies are indicated at 23 °C $\pm$ 5 °C; < 75 % R.H.

Function	Range	Accuracy
Voltage		
DC Voltage	2 V, 20 V, 200 V, 600 V $\pm$ (1.2 % rdg + 3 dgts)	
Resolution	1 mV in 2 V range	
Input Impedance	1 M Ω	
AC Voltage (40 to 1000 Hz) accuracies apply to sine wave inputs only	200 V, 600 V	$\pm$ (1.5 % rdg + 3 dgts)
Resolution	100 mV in 200 V range	
Input Impedance	460 k Ω	
Current		
DC Current	200 mA	$\pm$ (2.5 % rdg + 3 dgts)
Resolution	100 μ A	
Resistance		
	2 k Ω , 20 k Ω , 200 k Ω , 2 M Ω	$\pm$ (1.5 % rdg + 3 dgts)
Resolution	1 Ω in 1000 Ω range	
Open Circuit Voltage	3.2 V DC	
Diode Test		
Test Current	< 1 mA nominal	$\pm$ (1.0 % rdg + 2 dgts)
Accuracy	15 %	
Open Circuit Voltage	3.2 V DC nominal	
Display	Forward junction voltage, 1 mV resolution	
Battery Test		
Battery Voltages	1.5 V, 9 V	
Accuracy		$\pm$ (2.5 % rdg + 3 dgts)
Overload Protection		
Volts	600 V AC RMS/1000 V DC (30 seconds)	
DC Current	200 mA/600 V fast acting glass fuse	

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