

Model DM2

Digital Multimeter, Economy



- Thin, compact design
- Replaceable, plug-in test leads
- 5 functions/17 ranges
- 2000-count

DM2 Specification (23 °C ± 5 °C < 75 % R.H.)

DC Voltage	
Ranges	200 mV, 2 V, 20 V, 200 V, 1000 V
Accuracy	± (0.8 % rdg + 1 dgt)
Resolution	100 µV in 200 mV range
Input Impedance	1 MΩ
Response Time	2 msec
AC Voltage (40-400 Hz) accuracies apply to sine wave inputs only	
Ranges	200 V, 500 V
Accuracy	± (1.2 % rdg + 10 dgts)
Resolution	100 mV in 200 V range
DC Current	
Ranges	200 µA, 2 mA, 20 mA, 200 mA
Accuracy	± (1.2 % rdg + 1 dgt)
Resolution	100 nA in 200 µA range
Burden Voltage	200 µA range: 1 mV/1 µA 2 mA range: 100 mV/1 mA 20 mA range: 10 mV/1 mA 200 mA range: 13 mV/1 mA
Resistance	
Ranges	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ
Accuracy	200 Ω range: ± (1.8 % rdg + 4 dgts) All other ranges: ± (1.2 % rdg + 2 dgts)
Resolution	100 mΩ in 200 Ω range
Diode Test	
Test Current	1.0 mA ± 0.6 mA nominal
Test Voltage	3.2 V DC max
Display	Forward junction voltage
Overload Protection	
DC Volts	200 mV range: 350 V AC rms/500 V DC for 15 sec Other ranges: 500 V AC rms/1000 V DC for 60 sec
AC Volts	500 V AC rms/500 V DC
DC Current	0.8 A/250 V fast acting glass fuse
Resistance	500 V AC/V DC all ranges

General Specifications

Display: 3½ digit LCD, 1999 counts; **Display Update Rate:** 3 per sec; **Range Selection:** Manual; **Power Supply:** 9 V battery, NEDA 1604, JIS 006P, IEC 6F22; **Battery Life:** Alkaline 200 hours, 150 hours (carbon-zinc) approx.; **Operating Temperature:** 0 °C to + 50 °C, < 70 % R.H. non-condensing; **Storage Temperature:** - 20 °C to + 60 °C, < 80 % R.H. non-condensing, batteries removed; **Dimensions (H x W x D):** 11.9 x 6.9 x 2.8 cm (4.7" x 2.7" x 1.1"); **Weight (including battery):** 155 g (5.5 oz.); **Included Accessories:** Manual, holster and battery

Features	
Low Battery Indicator; Warranty: One-year	
Optional Accessories	
VC12 Vinyl Case	

For additional accessories, see the Accessories Compatibility Guide at www.metermantesttools.com

