

LOW-COST

Digital Multimeters



Low Price DMM120

Features:

- 3-1/2 Digit, 1.2% basic accuracy
- 7 Functions, 17 Ranges
- DCV, ACV, DCA and OHMS
- hFE and diode check
- Battery test with load
- Compact, rugged and safety design

DMM + Capacitance DMM123

Features:

- 3-1/2 Digit, 0.8% basic accuracy
- 9 Functions, 36 Ranges
- CAPACITANCE 1pF - 20 μ F
- Instant continuity beeper
- Compact, rugged and safety design
- 10 amps DC/AC fuse protected

Autoranging / Bar Graph DMM125

Features:

- 3200 Count, 1.2% basic accuracy
- 7 Functions, 27 Ranges
- Auto and manual ranging
- 34 Segment fast bargraph
- Auto Power OFF to save battery
- 10 amps and mA DC/AC fuse protected

Low-cost Digital Multimeters

Low Price

DMM120



This new compact size multimeter has large, easy-to-read liquid crystal display. It also features auto zero adjustment, polarity, 2 amp fast blow fuse, overload protection and low battery indication. Its rugged and safety design make it ideal for classroom and house-hold usage. Comes complete with test leads, battery, space fuse, operator's manual, and rubber holster.

DMM + Capacitance

DMM123



This full function multimeter also features capacitance measurement, continuity beeper and 2000 MΩ resistance range for small leakage check. It has good mV and uA resolution and is suitable for working with different types of adapters. The compact, rugged and safety design make it ideal for field service and classroom teaching. Comes complete with test leads, battery, space fuse, operator's manual, and rubber holster.

Autoranging/ Bar Graph

DMM125



This autoranging multimeter is extremely easy to use. The 34 segment analog bar graph updates 12 times per second and is useful for trend indication and fast adjustment. The meter will power down automatically after approximate 10 min of inactivity to save battery life. The rugged design and easy usage make it ideal for field service. Comes complete with test leads, battery, space fuse, manual, and rubber holster.

Specifications	Model		
	120	123	125
DC Voltage	2V, 20V, 200V, 600V ± (1.2%+1dgt)	200mV, 2V, 20V, 200V, 600V ± (0.8%+1dgt)	320mV, 3.2V, 32V, 320V, 600V± (1.2%+1dgt)
AC Voltage	200V, 500V±(2.0%+4dgts)	200mV, 2V, 20V ± (1.5%+3dgts) 200V, 600V±(2.0%+3dgts)	3.2V, 32V, 320V, 600V ± (2.0%+4dgts)
DC Current	2A±(2.5%+2dgts)	200μA, 2mA, 20mA, 200mA ± (1.0%+1dgt) 10A±(3.0%+3dgts)	320μA, 3200μA, 32mA, 320mA± (2.0%+1dgt) 10A±(3.0%+3dgts)
AC Current	N/A	200μA, 2mA, 20mA, 200mA ± (2.0%+4dgts) 10A±(3.0%+4dgts)	320μA, 3200μA, 32mA, 320mA± (2.5%+4dgts) 10A±(3.5%+4dgts)
Resistance	200Ω±(1.5%+3dgts) 2k, 20k, 200k, 2000k ±(1.5%+1dgt)	200Ω, 2k, 20k, 200k, 2000k ±(1.0%+4dgts) 20M±(2.0%+4dgts) 2000M±(5%+10dgts)	320Ω, 3.2k, 32k, 320k ±(1.5%+3dgts) 3.2M±(2.5%+3dgts) 32M±(5%+5dgts)
Capacitance	N/A	2nF, 20nF, 200nF, 2μF, 20μF ± (4.0%+10dgts)	N/A
Transistor Test	hFE 0-1000, 10μA Base Current, 3.0V Vce	hFE 0-1000, 10μA Base Current, 3.0V Vce	N/A
Diode Test	1.0mA, 3.3V	0.8mA, 3.0V	0.6mA, 3.0V
Battery Test	1.5V(150mA), 9V(6mA)	N/A	N/A
Continuity Beeper	N/A	<100Ω	<20Ω
Input Impedance	1MΩ	10MΩ	10MΩ
Overload Protection	500V for R, diode 2A fuse	500V for R, diode, continuity 0.5A and 10A fuses	500V for R, diode, continuity 0.5A and 10A fuses
Size	5.8"x2.8"x1.5" / (147mm x 70mm x 39mm)		
Weight	12.9 oz / (370g) including battery.		
Power	9V battery, 300hrs.	9V battery, 200hrs	



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