

DMM 54

Compact digital multimeter



- 4,000-count backlit digital display
- Autorange selection
- Voltage / Current / Resistance / Continuity / Diode / Capacitance / Frequency / Temperature / NCV
- Automatic power-off
- Low battery indicator
- Protection by safety fuses with high breaking capacity

Specifications

		DMM 54
Display		4,000 counts, backlit
Type of measurement		3 measurements / s
I_{DC}	Ranges	400 μ A / 4,000 μ A / 40 mA / 400 mA / 4 A / 10 A
	Best accuracy	1% of reading + 5 cts
	Best resolution	0.1 μ A
I_{AC}	Ranges	400 μ A / 4,000 μ A / 40 mA / 400 mA / 4 A / 10 A (50 Hz - 400 Hz)
	Best accuracy	1% of reading + 5 cts from 5% to 100% of range
	Best resolution	0.1 μ A
V_{DC}	Ranges	400 mV / 4 V / 40 V / 400 V / 600 V
	Best accuracy	0.5% of reading + 8 cts
	Best resolution	0.1 mV
V_{AC}	Ranges	4 V / 40 V / 400 V / 600 V (50 Hz - 1 kHz)
	Best accuracy	1.2% of reading + 3 cts from 5% to 100% of range
	Best resolution	0.001 V
NCV (EF)		Yes
Resistance	Ranges	400 Ω / 4 k Ω / 40 k Ω / 400 k Ω / 4 M Ω / 40 M Ω
	Best accuracy	1.2% of reading + 5 cts
	Best resolution	0.1 Ω
Continuity (with buzzer)		Yes (< 50 Ω)
Diode test		Yes
Electrical frequency (V)		4 Hz / 40 Hz / 400 Hz / 4 kHz / 10 kHz (V > 15V)
Electronic frequency (V)		2.000 Hz .. 10 MHz
Capacitance		4 nF / 40 nF / 400 nF / 4 μ F / 40 μ F / 400 μ F / 4 mF
Temperature		- 18 $^{\circ}$ C ... + 1000 $^{\circ}$ C (Type K thermocouple) 0 ... 1832 $^{\circ}$ F
Range selection		Automatic / Manual
Other features		Min/Max / Data Hold / REL Automatic power-off (15 min.), deactivatable
Safety		600 V CAT III
Dimensions / weight		154 x 74 x 43 mm / 210 g



Accessories supplied:

- 1 set of cables with \varnothing 2 mm bi-mode test probes, CAT II / CAT III-IV
- 1 Tc-K wire thermocouple
- 1 adapter: Tc-K/ \varnothing 4 male safety banana connectors
- 2 x 1.5 V AAA batteries

To order

Reference	P06231424Z
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