

True RMS Digital Multimeter

TENMA™

RoHS
Compliant



Features

- 6000 Counts Display
- LCD Backlight
- Manual Function Select & Auto Ranging
- VFC Measurement
- Duty Cycle: 0.1% ~ 99.9%
- Diode Test & Continuity Buzzer
- NCV Detection
- Auto Power Off: Around 15 minute
- Low Battery Indication: $\leq 2.5V$
- Data Hold, MAX / MIN / Relative Modes
- Input Protection: 600Vrms
- Input Impedance for DC Voltage: 1GΩ Max.

www.element14.com
www.farnell.com
www.newark.com
www.cpc.co.uk

TENMA™

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Electrical Specifications

Parameter	Range
DC Voltage (V)	60mV / 600mV / 6V / 60V / 600V $\pm(0.5\% + 2 \text{ digits})$
AC Voltage (V)	60mV / 600mV / 6V / 60V / 600V $\pm(0.8\% + 3 \text{ digits})$
DC Current (A)	600 μ A / 6000 μ A / 60mA / 600mA / 6A / 10A $\pm(0.7\% + 2 \text{ digits})$
AC Current (A)	600 μ A / 6000 μ A / 60mA / 600mA / 6A / 10A $\pm(1\% + 3 \text{ digits})$
Resistance (Ω)	600 Ω / 6k Ω / 60k Ω / 600k Ω / 6M Ω / 60M Ω $\pm(0.8\% + 2 \text{ digits})$
Capacitance (F)	9.999nF / 99.99nF / 999.9nF / 9.999 μ F / 99.99 μ F / 999.9 μ F / 9.999mF / 99.99mF $\pm(4.0\% + 5 \text{ digits})$
Frequency (Hz)	9.999Hz ~ 9.999MHz $\pm(0.1\% + 4 \text{ digits})$
Temperature ($^{\circ}$ C)	-40 $^{\circ}$ C~1000 $^{\circ}$ C $\pm(1.0\% + 4 \text{ digits})$
Temperature ($^{\circ}$ F)	-40 $^{\circ}$ F~1832 $^{\circ}$ F $\pm(1.5\% + 5 \text{ digits})$
Bandwidth	45Hz ~ 1kHz

General Characteristics

Safety Rating	: CAT III 600V
Power	: AA 1.5V \times 2
LCD Size	: 58mm x 36mm
Colour	: Orange and Grey
Weight	: 370g
Dimensions	: 175mm \times 81mm \times 48.5mm

Accessories

Battery, Test Leads, Temperature Probe and Instruction Manual

Part Number Table

Description	Part Number
True RMS Digital Multimeter	72-13510

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