

Digital Multimeter



Description

This model is digital multimeter, newly designed to offer users better performance and higher safety rating. Total over-load protection and unique structural design make it new type of multimeter with high performance / price ratio and a best choice for electricians to use in electrical maintenance and repair

Applications

An ideal tool for equipment testing, maintenance and repair widely needed in electronics, electric power, schools, metallurgy, communications, manufacturing, petroleum, national defence, chemical industry, etc.

Features:

- True RMS for the whole series;
- Measure signals with varied frequency (VFC)
- Measure large capacitance up to 100mF
- Optional AC/DC 60A current clamps in different models to measure current up to 60A(1mv=1A)
- NCV designed for the whole series, a necessity for electricians
- AA 1.5V × 2 cells, easy for users to purchase and replace
- Soft rubber holster is easy to stand 2m drop
- Optional magnetic hanging strap offered to facilitate tests in special location
- Fast to replace fuse, just by opening battery cover
- Reliable with use of internal 2PC fuse with high-breaking capacity
- Protection against 600V input/1 minute from disconnection
- Safety Rating: CAT III 600V
- Display Count : 6,000
- Auto Range
- Manual Range
- True RMS
- Bandwidth : 45Hz - 1kHz
- V.F.C
- Duty Cycle : 0.1% to 99.9%
- Diode test : Around 3V
- NCV
- Battery Test : 1.5V / 9V
- Auto Power Off : Around 15 Minutes
- Continuity Buzzer
- Low Battery Indication : $\leq 2.5V$
- Data Hold
- Relative Mode
- MAX/MIN
- LCD Backlight
- Input Protection : 600Vrms
- Input Impedance for DCV : 1G Ω Max.



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Specifications

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

General Characteristics

Power	AA1.5 \times 2
LCD Size	58mm \times 36mm
Product Colour	Orange and Grey
Product Net Weight	370g
Product Size	175mm \times 81mm \times 48.5mm
Standard Accessories	1.5V AA Cells, Test Leads, Temperature Probe
Optional Accessories	Current Sensor AC/DC 40A

Part Number Table

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Digital Multimeter, Handheld, 3-3/4 Digit	72-7780

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