

Intelligent Digital Multimeter **TENMA™**



Description

The digital multimeter is a 40,000 counts and 4-3/4 digits with steady operation, fashionable structure and auto ranging instrument. It can measure AC voltage and current, DC voltage and current, resistance, capacitance, temperature, frequency, diodes, continuity, 4 to 20mA loop, Max/Min, relative mode and also has data store, data recall, AC true RMS, AC+DC, low battery display, double display backlight, date hold, automatic power off and full overload protection.

Features

- Display Count : 40,000
- Auto Range
- True RMS
- Bandwidth (Hz) : 100kHz
- Duty Cycle : 10% to 90% - [Accuracy $\pm(1\%+30)$]
- Diode Test
- Auto Power Off
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- Relative Mode
- MAX/MIN
- Data Logging : 9,999
- USB Interface
- Double Backlight
- Analogue Bar Graph
- Full Icon Display
- Setup
- Input Impedance for DCV - DC 400mV : Around 2.5G Ω , All Other Range : 10M Ω
- 4 - 20mA Loop : 0 to 100% - [Accuracy $\pm(1\%+50)$]
- Fused 10A
- Current Measurement Alarm
- Voltage & Current AC+DC Measurement

Specifications

	Range	Best Accuracy
DC Voltage (V)	400mV/4V/40V/400V/1000V	$\pm(0.025\%+5)$
AC Voltage (V)	4V/40V/400V/1000V	$\pm(0.4\%+30)$
DC Current (A)	400 μ A/4000 μ A/40mA/400mA/10A	$\pm(0.1\%+15)$
AC Current (A)	400 μ A/4000 μ A/40mA/400mA/10A	$\pm(0.7\%+15)$
Resistance (Ω)	400 Ω /4k Ω /40k Ω /400k Ω /4M Ω /40M Ω	$\pm(0.3\%+8)$
Capacitance (F)	40nF/400nF/4 μ F/40 μ F/400 μ F/4mF/40mF	$\pm(1\%+20)$
Frequency (Hz)	40Hz - 400MHz	$\pm(0.01\%+8)$
Temperature ($^{\circ}$ C)	-40 $^{\circ}$ C to 1,000 $^{\circ}$ C	$\pm(1\%+30)$
Temperature ($^{\circ}$ F)	-40 $^{\circ}$ F to 1,832 $^{\circ}$ F	$\pm(1.5\%+50)$

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General Characteristic

Power	9V Battery (6F22)
LCD Size	73mm × 50mm
Product Colour	Orange and Grey
Product Net Weight	384g
Product Size	200mm × 93mm × 40mm
Standard Accessories	Battery, Test Lead, Alligator Clip, Test Clip, USB Interface Cable, PC Software CD, Carrying Bag, Point Contact Temperature Probe
Safety Rating	CAT III 1000V
	CAT IV 600V

Part Number Table

Description	Part Number
Multimeter Digital USB 40,000 Counts	72-7732A

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