

Bench Top Digital Multimeter

TENMA™


Special Functions

Basic Functions	Range	Best Accuracy
Display Count		40000
Auto Range		✓
True RMS		✓
Bandwidth (Hz)	100kHz	✓
Duty Cycle	0 ~ 100%	±(1% +40)
Diode		✓
Auto Power Off		✓
Continuity Buzzer		✓
Low Battery Indication		✓
Data Hold		✓
Relative Mode		✓
MAX/MIN		✓
Peak Hold		✓
Data Logging		9999
Data Recall		✓
RS-232		✓
USB Interface		✓
Double Backlight		✓
Analogue Bar Graph		81
Setup		✓
Input Protection		✓
Input Impedance for DCV	400mV Range: Around 4GΩ, All Other Ranges: Around 10MΩ	✓
Current Measurement Alarm	0 ~ 100%	✓
4 - 20mA Loop		±(1%+50)
Voltage & Current: AC+DC Measurement		✓

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Specifications

Basic Functions	Range	Best Accuracy
DC Voltage (V)	400mV/4V/40V/400V/1000V	$\pm(0.5\%+2)$
AC Voltage (V)	4V/40V/400V/1000V	$\pm(0.8\%+3)$
DC Current (A)	400 μ A/4000 μ A/40mA/400mA/10A	$\pm(0.8\%+2)$
AC Current (A)	400 μ A/4000 μ A/40mA/400mA/10A	$\pm(1.0\%+3)$
Resistance (Ω)	400 Ω /4k Ω /40k Ω /400k Ω /4M Ω /40M Ω	$\pm(0.8\%+3)$
Capacitance (F)	40nF/400nF/4 μ F/40 μ F/400 μ F/4mF/40mF	$\pm(4\%+3)$
Frequency (Hz)	40Hz/400Hz/4kHz/40kHz/400kHz/4MHz/40MHz/400MHz	$\pm(1.5\%+5)$
Temperature ($^{\circ}$ C)	-40 $^{\circ}$ C to +1000 $^{\circ}$ C	$\pm(1.2\%+3)$
Temperature ($^{\circ}$ F)	-40 $^{\circ}$ F to +1832 $^{\circ}$ F	$\pm(1.5\%+50)$

General Characteristics

Power	: 220V AC / 50Hz or 1.5V Batteries (R14) $\times$ 6
LCD Size	: 128mm $\times$ 28mm
Product Colour	: Orange and Grey
Product Net Weight	: 2.2 Kg
Product Size (W $\times$ H $\times$ D)	: 240mm $\times$ 105mm $\times$ 310mm
Standard Accessories	: Test Lead, 220V AC Power Cord (UK/EU), Software, RS-232 Interface Cable, USB Interface Cable, Alligator Clip, Point Contact Temperature Probe, Test Clip
Standard Warranty	: 12 Months

Part Number Table

Description	Part Number
Bench Top Digital Multimeter	72-14620

