

# Multimeter

## Bench



### Safety Rating:

CAT I 1,000 V

CAT II 600 V

### Specifications

Basic Functions	Range	Best Accuracy
DC Voltage (V)	600 mV / 6 V / 60 V / 600 V / 1,000 V	± (0.3% + 2)
AC Voltage (V)		± (0.6% + 5)
DC Current (A)	600 µA / 6,000 µA / 60 mA / 600 mA / 10 A	± (0.5% + 3)
AC Current (A)		± (1% + 5)
Resistance (Ω)	600 Ω / 6 KΩ / 60 KΩ / 600 KΩ / 6 MΩ / 60 MΩ	± (0.5% + 2)
Capacitance (F)	6 nF / 60 nF / 600 nF / 6 µF / 60 µF / 600 µF / 6 mF	± (2% + 5)
Frequency (Hz)	6 KHz / 60 KHz / 600 KHz / 6 MHz / 60 MHz	± (0.1% + 3)
Temperature (°C)	-40°C to 1,000°C	± (1% + 3)
Temperature (°F)	-40°F to 1,832°F	± (1.5% + 5)
<b>Features</b>		
Display count	5999	
Auto range	✓	
Bandwidth (Hz)	100 KHz	
Diode	✓	
Transistor		
Auto power off		
Continuity buzzer		
Low battery indication		
Data hold		
Maximum / Minimum		

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### Specifications

Basic Functions	Range	Best Accuracy
<b>Features</b>		
RS - 232	✓	
USB interface		
LCD backlight		
Input protection		
Input impedance for DCV	600 mV range : around 3 GΩ, all other ranges : around 10 MΩ	
Voltage and current : AC + DC measurement	✓	

### General Characteristics

Power	220 V ac / 50 Hz or 9 V batteries (R14) × 6
LCD size	128 × 28 mm
Product colour	Orange and grey
Product net weight	2.4 Kg
Product size	310 × 240 × 105 mm
Standard accessories	Test lead, 220 V ac power cord, software, RS-232 interface cable, USB interface cable, alligator clip, point contact temperature probe, multi-purpose socket
Standard individual packing	Gift box, English manual

### Part Number Table

Description	Part Number
Multimeter, Bench	72-1016

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# TENMA 72-7770

## SPECIFICATIONS

Basic Functions	Range	Best Accuracy	
DC Voltage	200mV/2000mV/20V/200V/500V	$\pm(0.5\%+2)$	■
AC Voltage	200V/500V	$\pm(1.2\%+10)$	■
DC Current	2000 $\mu$ A/20mA/200mA/10A	$\pm(1\%+2)$	■
Resistance	200 $\Omega$ /2000 $\Omega$ /20k $\Omega$ /200k $\Omega$ /20M $\Omega$ /200M $\Omega$	$\pm(0.8\%+2)$	■
Special Functions			
Diode		✓	■
Continuity Buzzer		✓	■
Square Wave Output		✓	■
Data Hold		✓	■
Display Backlight		✓	■
Low Battery Display		✓	■
Input Impedance for DC Voltage Measurement	Around 10M $\Omega$	✓	■
Max. Display	1999	✓	■



72-7770



UL /cUL Pending

Registered Design No.: 0211977.6M004

## GENERAL CHARACTERISTICS

Power	9V Battery (6F22)
LCD Size	48 x 16 mm
Product Colour	Red and Grey
Product Net Weight	Around 156g
Product Size	130 x 73.5 x 35 mm
Standard Accessories	Test Lead, Battery, English Manual, Holster
Optional Accessories*	Clip-On Test Lead Light (UT-TL), Built-In Test Lead Light (UT-L1), Built-In Test Lead Light Plus (UT-L2)
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	60 pcs
Standard Carton Measurement	Around 486 x 345 x 310 mm (Around 0.052 CBM Per Standard Carton)
Standard Carton Gross Weight	Around 18kg

\* Available at Extra Cost