

# Intelligent Digital Multimeter **TENMA™**



## Description

This digital multimeter has auto range and manual range options and dual display, with maximum reading 3,999 displayed in 40 analogue bars in scale making the measured value to be seen clearly and indicating the trend of changing quickly. In addition to the conventional measuring functions, there is a new breakthrough in frequency test with maximum range of 400MHz. RS232C standard serial port is equipped with the meter for easy connection with computer to realize macro recording and monitoring and capture of transient dynamic data, displaying change of waveform during the measurement, providing data and evidence to engineering technicians for scientific research. This is also a highly applied digital multimeter of high performance with full input protection and display backlight.

## Features

- Display Count : 3,999
- Auto Range
- Diode Test
- Auto Power Off
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- Relative Mode
- MAX/MIN
- RS232 Interface
- Backlight
- Analogue Bar Graph
- Full Icon Display
- Input Impedance for DCV : 10MΩ

## Specifications

	Range	Best Accuracy
DC Voltage (V)	400mV/4V/40V/400V/1000V	±(0.8%+1)
AC Voltage (V)	4V/40V/400V/750V	±(1%+5)
DC Current (A)	400mA/4000mA/40mA/400mA/10A	±(1%+2)
AC Current (A)	400mA/4000mA/40mA/400mA/10A	±(1.5%+5)
Resistance (Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(1%+2)
Capacitance (F)	4nF/40nF/400nF/4μF/40μF/400μF/4mF	±(4%+3)
Frequency (Hz)	4kHz/40kHz/400kHz/4MHz/40MHz/400MHz	±(0.1%+3)
Temperature (°C)	-40°C to +1000°C	±(1%+3)
Temperature (°F)	-40°F to +1832°F	±(1%+4)

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## General Characteristic

Power	9V Battery (6F22)
LCD Size	73mm × 50mm
Product Colour	Orange and Grey
Product Net Weight	600g (Including Holster)
Product Size	195mm × 90mm × 40mm
Standard Accessories	Battery, Test Lead, Test Clip, RS232 Interface Cable, PC Software CD, Point Contact Temperature Probe
Safety Rating	CAT III 1000V
	CAT IV 600V

## Part Number Table

Description	Part Number
Intelligent Digital Multimeter	72-7755

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