Intelligent Digital Multimeter TENMA™

Description

The multimeter is an intelligent digital one, a precise instrument with a resolution of 80,000 counts and up-to-date automatic computer calibrating function. High resolution A/D converter and micro-controller data processing technique is adopted in the meter, featured with intelligence, high precision and multi-functions. The meter can be widely used in laboratory field service, domestic and other applications. All the functions and ranges have full overload protection. In addition to the conventional measuring functions, it is equipped with a RS232C standard serial port 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 good performance with display backlight.

Features

- Display Count : 3,999
- Auto Range
- Diode Test
- Auto Power Off
- Continuity Buzzer
- Low Battery Indication
- True RMS
- 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)	800mV/800mV/8V/80V/800V/1000V	±(0.05%+10)
AC Voltage (V)	800mV/8V/80V/800V/1000V	±(0.8%+20)
DC Current (A)	80mA/800mA/8A/10A	±(0.2%+40)
AC Current (A)	80mA/800mA/8A/10A	±(0.5%+40)
Resistance (Ω)	800Ω/8kΩ/80kΩ/800kΩ/8MΩ/80MΩ	±(0.3%+40)
Admittance(S)	80nS	±(2%+120)
Capacitance (F)	1nF/10nF/100nF/1µF/10µF/100µF	±(2%+3)
Frequency (Hz)	1kHz/10kHz/100kHz/1MHz	±(0.02%+1)

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
Safety Rating	CAT III 1000V
	CAT IV 600V

Part Number Table

Description	Part Number
Intelligent Digital Multimeter	72-7760

www.element14.com
www.farnell.com
www.newark.com
www.cpc.co.uk
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