

Industrial True RMS Digital Multimeter

TENMA™



**RoHS
Compliant**

Features

- 60000 Counts Display
- EBTN Display with LCD Backlight
- Auto & Manual Ranging
- 4-5 times/sec Sampling Rate
- AC + DC Measurement
- VFC Low-Pass Filtering
- LoZ Low Input Impedance
- NCV Measurement
- Diode Test & Continuity Buzzer
- Data Hold/MAX/MIN/AVG/Relative Modes
- Peaks Hold
- Trend Capture
- 9999 Data Storage
- Analog Bar Graph
- USB/Bluetooth Communication
- Mis-Plug Alarm & Low Battery Indication
- Auto Power Off
- Input Protection
- Input Impedance for DC Voltage: $\geq 1\text{G}\Omega$

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

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General Characteristics

Safety Rating	: CAT IV 600V, CAT III 1000V
Power	: Li-Ion Battery 7.4V 3000mAh × 1
LCD Size	: 70.6mm x 35.3mm
Colour	: Orange and Grey
Weight	: 384g
Dimension	: 206mm × 95mm × 55mm
Standard Accessories	: Batteries, Test Lead, Point Contact Temperature Probe, PC Software CD, USB Interface Cable, Power Adaptor & User Manual

Electrical Specifications

Parameters	Range	Best Accuracy
DC Voltage	600mV/6V/60V/600V/1000V	±(0.025% +5 digit)
AC Voltage	600mV/6V/60V/600V/1000V	±(0.4% +40 digit)
DC Current	600μA/6000μA/60mA/600mA/6A/10A	±(0.15% +2 digit)
AC Current	600μA/6000μA/60mA/600mA/6A/10A	±(0.75% +5 digit)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.05% +2 digit)
Admittance	60ns	±(1.0% +10 digit)
Capacitance	6nF/60nF/600nF/6μF/60μF/600μF/6mF/60mF	±(2.5% +40 digit)
Frequency	10Hz to 10MHz	±(0.01% +5 digit)
Temperature	-40°C to 1000°C	±(1.0% +3°C)
Temperature	-40°F to 1832°F	±(1.5% +5°F)
Bandwidth	100kHz	
4-20mA Loop	0 - 100%	
LoZ (ACV)	Around 3kΩ	
Duty Cycle	0.1% ~ 99.9%	
Analog Bar Graph	31 Segments	
Auto Power Off	Around 15 minutes	

Part Number Table

Description	Part Number
Industrial True RMS Digital Multimeter	72-3530

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