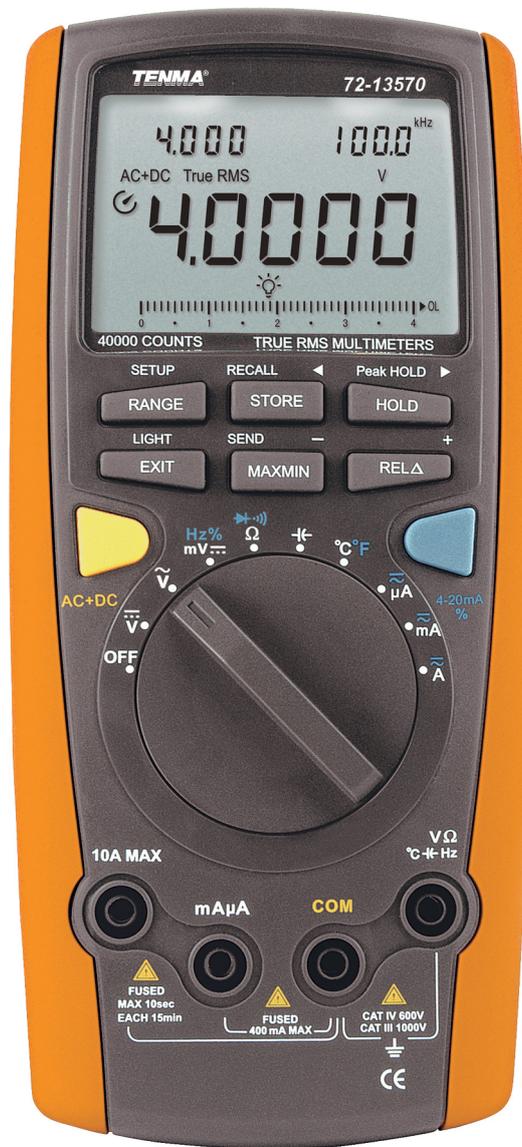


# True RMS Digital Multimeter

**TENMA™**

RoHS  
Compliant



## Features

- 40000 Counts Display
- Double Backlight
- Manual Function Select & Auto Ranging
- Measure AC & DC at the same time (AC+DC)
- Duty Cycle: 0.1% ~ 99.9%
- Diode Test & Continuity Buzzer
- Auto Power Off & Low Battery Indication
- Data Hold, MAX / MIN / Relative Modes
- Data Storage: up to 9999 Readings
- Analog Bar Graph
- Full Icon Display
- Misplug & Current Measurement Alarm
- Fused 10A
- USB interface and Bluetooth Connection
- Input Impedance for DC Voltage: DC 400mV: Around 2.5GΩ; All other Range: 10MΩ

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[www.newark.com](http://www.newark.com)  
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**TENMA™**

# True RMS Digital Multimeter



## Electrical Specifications

Parameter	Range
DC Voltage (V)	400mV / 4V / 40V / 400V / 1000V $\pm(0.025\% +5 \text{ digits})$
AC Voltage (V)	4V / 40V / 400V / 1000V $\pm(0.4\% +30 \text{ digits})$
DC Current (A)	400 $\mu$ A / 4000 $\mu$ A / 40mA / 400mA / 10A $\pm(0.1\% +15 \text{ digits})$
AC Current (A)	400 $\mu$ A / 4000 $\mu$ A / 40mA / 400mA / 10A $\pm(0.7\% +15 \text{ digits})$
Resistance ( $\Omega$ )	400 $\Omega$ / 4k $\Omega$ / 40k $\Omega$ / 400k $\Omega$ / 4M $\Omega$ / 40M $\Omega$ $\pm(0.3\% +8 \text{ digits})$
Capacitance (F)	40nF / 400nF / 4 $\mu$ F / 40 $\mu$ F / 400 $\mu$ F / 4mF / 40mF $\pm(1\% +20 \text{ digits})$
Frequency (Hz)	40Hz - 400MHz $\pm(0.01\% +8 \text{ digits})$
Temperature ( $^{\circ}$ C)	-40 $^{\circ}$ C ~ 1000 $^{\circ}$ C $\pm(1\% +30 \text{ digits})$
Temperature ( $^{\circ}$ F)	-40 $^{\circ}$ F ~ 1832 $^{\circ}$ F $\pm(1.5\% +50 \text{ digits})$
Bandwidth (Hz)	100kHz
4 - 20mA Loop	0 ~ 100% $\pm(1\% +50 \text{ digits})$

## General Characteristics

Safety Rating	: CAT III 1000V, CAT IV 600V
Power	: 9V Battery (6F22)
LCD Size	: 73mm x 50mm
Colour	: Orange and Grey
Weight	: 384g
Dimensions	: 200mm x 93mm x 40mm

## Accessories

Battery, Test Lead, Alligator Clip, Test Clip, USB Interface Cable, PC Software CD, Carrying Bag, Point Contact Temperature Probe and Instruction Manual

## Part Number Table

Description	Part Number
True RMS Digital Multimeter	72-13570

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