

# True RMS Data Logging Multimeter



## Electrical Specifications

Basic Functions	Range	Best Accuracy
DC Voltage (V)	60mV/600mV/6V/60V/600V/1000V	$\pm(0.025\%+5)$
AC Voltage (V)	60mV/600mV/6V/60V/600V/1000V	$\pm(0.3\%+30)$
DC Current (A)	600 $\mu$ A/6000 $\mu$ A/60mA/600mA/10A	$\pm(0.08\%+10)$
AC Current (A)	600 $\mu$ A/6000 $\mu$ A/60mA/600mA/10A	$\pm(0.6\%+20)$
Resistance ( $\Omega$ )	600 $\Omega$ /6k $\Omega$ /60k $\Omega$ /600k $\Omega$ /6M $\Omega$ /60M $\Omega$	$\pm(0.05\%+2)$
Admittance (nS)	60nS	$\pm(2\%+10)$
Capacitance(F)	6nF/60nF/600nF/6 $\mu$ F/60 $\mu$ F/600 $\mu$ F/6mF/60mF	$\pm(2\%+5)$
Frequency (Hz)	10Hz to 60MHz	$\pm(0.01\%+5)$
Temperature ( $^{\circ}$ C)	-40 $^{\circ}$ C to 1000 $^{\circ}$ C	$\pm(1\%+30)$
Temperature ( $^{\circ}$ F)	-40 $^{\circ}$ F to 1832 $^{\circ}$ F	$\pm(1.5\%+50)$

## Special Functions

Display Count	60000	√
Auto Range		√
Manual Range		√
True RMS		√
Bandwidth (Hz)	100kHz	√
AC + DC		√
Low Pass Filter	1kHz(-3db)	√
dBV/dBm		√
Continuity Buzzer		√
Diode	Around 3V	√
Duty Cycle	1% to 99%	√
Dual Temperature Measurement	T1,T2, T1-T2, T2-T1	√
Data Hold		√
Peak Hold		√
Relative Mode		√
Data Logging	20000	√
Trend Capture		√
MAX/MIN/AVG		√
Date Time Display		√
Data Comparison		√
Display Type	3.5 Inches 64k Colour TFT LCD (320 × 240)	√
Backlight Adjustment		√
USB Interface		√
Mis-Plug Alarm		√



# True RMS Data Logging Multimeter



Auto Power Off		√
Re-Chargeable Battery		√
Input Protection		√
Input Impedance for DCV	Around 10MΩ	√

## General Characteristics

Power	: 7.4V 2200mAh Li-Battery
LCD Size	: 70mm × 52mm
Product Colour	: Orange and Grey
Product Net Weight	: 638.6g
Product Size	: 103mm × 225mm × 59mm

Accessories	Qty.	Note
Operating Manual	1 piece	-
Adapter		European style two-pin round plug Input 100~240V150/60Hz/0.2Amax/ Output DC12V 1A (with Output short-circuit protection)/DC 5.5×2.1mm/1.5m/CE
Test Leads	1 pair	UL 18AWG E229234 Double insulated cable CAT III 1000V/CAT IV 600V 10A
Temp Probe	1 piece	Nickel-chromium-nickel-silicon flat insert point type 800°C K (error ±0.4%t)/ flat insert /1000mm
Cloth bag		-

## Part Number Table

Description	Part Number
True RMS Data logging Multimeter	72-3540

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. TENMA is the registered trademark of Premier Farnell Limited 2019.

Newark.com/exclusive-brands  
Farnell.com/exclusive-brands  
Element14.com/exclusive-brands

