

Industrial True RMS Digital Multimeter



General Characteristics

Power	: Li-ion Battery 7.4V 3000mAh × 1
LCD Size	: 70.6mm x 35.3mm
Product Colour	: Orange and Grey
Product Net Weight	: 384g
Product Size	: 206mm × 95mm × 55mm
Standard Accessories	: Batteries, Test lead, Point Contact Temperature Probe, USB Interface Cable, Power Adaptor (UK plug and EU plug)

Specifications:

Basic Functions	Range	Best Accuracy
DC Voltage (V)	600mV/6V/60V/600V/1000V	±(0.025% +5)
AC Voltage (V)	600mV/6V/60V/600V/750V	±(0.4% +40)
DC Current (A)	600uA/6000uA/60mA/600mA/6A/10A	±(0.15% +2)
AC Current (A)	600uA/6000uA/60mA/600mA/6A/10A	±(0.75% +5)
Resistance (Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.05% +2)
Admittance (nS)	60nS	±(1.0% +10)
Capacitance(F)	6nF/60nF/600nF/6μF/60μF/600μF/6mF/60mF	±(2.5% +40)
Frequency (Hz)	10Hz to 10MHz	±(0.01% +5)
Temperature (°C)	-40°C to 1000°C	±(1.0% +30)
Temperature (°F)	-40°F to 1832°F	±(1.5% +50)
Special Functions		
Display Count		60000
Auto Range		√
Manual Range		√
True RMS		√
Bandwidth (Hz)	100kHz	√
AC + DC	Series/Parallel	√
V.F.C		√
4~20mA Loop	0 to 100%	√
Low Impedance for LoZ ACV	Around 3kΩ	√
Diode	Around 3V	√
Continuity Buzzer		√
Duty Cycle	1% to 99%	√
NCV		√
Data Hold		√
Relative Mode		√
Peak Hold		√

Industrial True RMS Digital Multimeter

MAX/MIN		√
USB Interface		√
Display Type		EBTN
LCD Backlight		√
Analogue Bar Graph		√
Mis-plug Alarm		√
Low Battery Indication		√
Rechargeable Battery		√
Auto Power Off	Around 15 Minutes	√
Input Protection		√
Input Impedance for DCV	Around 1GΩ	√

Part Number Table

Description	Part Number
Industrial True RMS Digital Multimeter	72-3530

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell 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 the Group. © Premier Farnell plc 2012.