

Multimeter



Bench



Safety Rating:

CAT I 1,000 V

CAT II 600 V

Specifications

Basic Functions	Range	Best Accuracy
DC Voltage (V)	600 mV / 6 V / 60 V / 600 V / 1,000 V	± (0.3% + 2)
AC Voltage (V)		± (0.6% + 5)
DC Current (A)	600 µA / 6,000 µA / 60 mA / 600 mA / 10 A	± (0.5% + 3)
AC Current (A)		± (1% + 5)
Resistance (Ω)	600 Ω / 6 KΩ / 60 KΩ / 600 KΩ / 6 MΩ / 60 MΩ	± (0.5% + 2)
Capacitance (F)	6 nF / 60 nF / 600 nF / 6 µF / 60 µF / 600 µF / 6 mF	± (2% + 5)
Frequency (Hz)	6 KHz / 60 KHz / 600 KHz / 6 MHz / 60 MHz	± (0.1% + 3)
Temperature (°C)	-40°C to 1,000°C	± (1% + 3)
Temperature (°F)	-40°F to 1,832°F	± (1.5% + 5)
Features		
Display count	5999	
Auto range	✓	
Bandwidth (Hz)	100 KHz	
Diode	✓	
Transistor		
Auto power off		
Continuity buzzer		
Low battery indication		
Data hold		
Maximum / Minimum		

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



Multimeter



Bench

Specifications

Basic Functions	Range	Best Accuracy
Features		
RS - 232	✓	
USB interface		
LCD backlight		
Input protection		
Input impedance for DCV	600 mV range : around 3 G Ω , all other ranges : around 10 M Ω	
Voltage and current : AC + DC measurement	✓	

General Characteristics

Power	220 V ac / 50 Hz or 9 V batteries (R14) × 6
LCD size	128 × 28 mm
Product colour	Orange and grey
Product net weight	2.4 Kg
Product size	310 × 240 × 105 mm
Standard accessories	Test lead, 220 V ac power cord, software, RS-232 interface cable, USB interface cable, alligator clip, point contact temperature probe, multi-purpose socket
Standard individual packing	Gift box, English manual

Part Number Table

Description	Part Number
Multimeter, Bench	72-1016

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 2011.

