

MM65

Digital multimeter



Key features

- AC & DC voltage to 600V
- AC & DC current to 10A
- Resistance to 34MΩ
- Continuity with audible indication
- Diode testing
- Auto power off
- Auto ranging
- Data hold
- Incorrect connection warning
- CAT III 600V

The Martindale MM65 Digital multimeter is an autoranging multimeter, ideal for performing many electrical measurement tasks. The unit is capable of measuring AC and DC voltages up to 600V and AC & DC currents up to 10A. Resistance measurements can be made up to 34MΩ. Additional measurement functions include diode testing and an audible continuity test that sounds below 35Ω.

Martindale's MM65 has a 3¾ digit LCD screen that displays the results as both digital numerical values and on a 34-segment analogue bar graph. The rugged, over-moulded case will protect against damage in most typical environments. It also has an auto-power-off feature which activates after approximately 10 minutes and an on-screen low battery indicator.

The unit is safety rated at BS EN61010-1 CAT III 600V and supplied with unfused Martindale TL16 test leads, spare fuse, battery and manual.

FUNCTION		
ELECTRICAL		
Display counts	3400	Auto ranging
DC VOLTS		
Range	340mV, 3.4V, 34V, 340V, 600V	± (1.0% rdg + 2 dgts)
Resolution (340mV range)	0.1mV	
AC VOLTS (50 - 500HZ)		
Range	3.4V, 34V, 340V, 600V	± (2.0 % of rdg + 5 dgts)
Resolution (3.4V range)	0.1mV	
DC CURRENT		
Range	340µA, 3400µA, 34mA, 340mA	± (2.0% rdg + 2 digits)
Range	10A*	± (3.0 % of rdg + 3 digits)
Resolution (340uA range)	0.1uA	
AC CURRENT (50-500HZ)		
Range	340µA, 3400µA, 34mA, 340mA, 10A	± (2.5% rdg + 5 digits)
Range	10A*	± (3.5% rdg + 5 digits)
Resolution (340uA range)	0.1uA	
RESISTANCE		
Range	340Ω, 3.4kΩ, 34kΩ, 340kΩ	± (1.5% rdg + 4 digits)
Range	3.4MΩ	± (2.5% rdg + 4 digits)
Range	34MΩ	± (5.0% rdg + 5 digits)
Resolution (340Ω range)	0.1Ω	
OTHER		
Diode test	Audible indication / Accuracy ± (3.0% + 3 digits)	
Continuity test	Audible indication at less than 35Ω	
Data hold	Yes	
Analogue bar graph	Yes	
MIN/MAX Hold	Yes	
Auto power off	Approx. 10 minutes	
Battery	Standard 9V (on screen low battery indicator)	
Dimensions / weight	165 x 78 x 42.5 mm / 285g	
Environmental	Storage -20°C to 60°C <80% Humidity	Operating 0°C to 50°C <70% Humidity
SAFETY		
Conforms to	BS EN61010-1 CAT III 600V	

*Current on 10A range applied for 60 seconds max followed by a 10 minute cooling period

Included

- TL16 test leads
- Spare 0.5A/500V, fast acting ceramic fuse
- 9V battery (installed)
- Instruction manual



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