

MM39

Compact digital multimeter



Key features

- AC & DC voltage to 600V
- AC & DC current to 10A
- Resistance to 20MΩ
- Continuity with audible indication
- Diode testing
- Auto power off
- Auto-ranging
- Data hold feature
- CAT III 600V

The Martindale MM39 Digital multimeter is an ideal compact multimeter for performing many electrical measurement tasks. This cost-effective unit is auto-ranging with a large rotary switch for easy selection of the required range. Two selection buttons allow the user to set the range manually and also hold the measurement on the display.

The multimeter features a large 3½ digit LCD screen and can be used to measure AC voltage and DC voltage, current and resistance. AC and DC voltage measurement is between 0.1mV to 600V, and AC and DC current is between 10mA to 10A. There is a diode test and an audible continuity test, which sounds at less than 25Ω.

The rugged construction will protect against damage in most typical environments. It also features an auto-power-off function that activates after approximately 10 minutes, along with 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	1999	Auto ranging
DC VOLTS		
Range	200mV, 2V, 20V, 200V, 600V	± (1.0% rdg + 2 digits)
Resolution (200mV range)	0.1mV	
AC VOLTS (50 - 500Hz)		
Range	200mV	± (2.0% rdg + 5 digits) 50Hz ~ 100Hz
Range	2V, 20V, 200V, 600V	± (2.0% rdg + 5 digits)
Resolution (200mV range)	0.1mV	
DC CURRENT		
Range	10A	± (3.0% rdg + 3 digits)
Resolution	10mA	
AC CURRENT (50-500Hz)		
Range	10A	± (3.5% rdg + 5 digits)
Resolution	10mA	
RESISTANCE		
Range	200Ω, 2KΩ, 20KΩ, 200KΩ	± (1.5% rdg + 4 digits)
Range	2MΩ	± (2.5% rdg + 4 digits)
Range	20MΩ	± (5.0% rdg + 5 digits)
Resolution (200Ω range)	0.1Ω	
OTHER		
Diode test	Accuracy ± (3.0% + 3 digits)	
Continuity test	Audible indication at less than 25Ω	
Display hold	Yes	
Auto power off	Approx. 10 minutes	
Battery	2 x AAA batteries	
Dimensions / weight	145mm (H) x 70mm (W) x 42.5 mm (D) / 315g	
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	

Included

TL16 Unfused test lead set
 9V Battery Installed
 Instruction manual



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