

# Digital multimeter range

MM39, MM64, MM65, MM67, MM94



## Key features

Martindale's multimeter range is designed to meet the needs of a wide range of electrical testing applications. All models feature a large rotary switch for easy selection of the required test while the extra rugged construction will protect against damage in most environments.

From the budget MM39 through to the feature packed MM94 the Martindale range has a solution to your multimeter requirements.

See reverse for a complete multimeter range comparison.

## MM39 Compact Digital Multimeter

The Martindale MM39 Digital multimeter is an ideal compact multimeter for performing many electrical measurement tasks. This cost-effective unit is designed for general electrical testing.

## MM60 Series Digital Multimeters

The three models in the Martindale 60 series range cover most electrical measurement requirements for both electricians and maintenance teams.

- **MM64:** A general-purpose multimeter, ideal for general electrical servicing.
- **MM65:** Mid-range meter with additional measurement functions, ideal for both maintenance and field service applications.
- **MM67:** A true RMS meter for everyday use in both in-house and field service applications. Ideal for electrical, electronic and industrial troubleshooting.

## MM94 Advanced Digital Multimeter

The MM94 is a True RMS digital multimeter is packed with measurement features. The unit has a CAT IV 600V safety rating making it ideal for everyday use in both electronic, electrical and industrial troubleshooting applications.

Quick selection guide	MM39	MM64	MM65	MM67	MM94
True RMS				✓	✓
Auto ranging	✓		✓	✓	✓
AC & DC Volts	✓	✓	✓	✓	✓
AC & DC Currents High	✓		✓	✓	✓
AC & DC Currents Low		✓			
Resistance & Continuity tests	✓	✓	✓	✓	✓
Diode Test	✓	✓	✓	✓	✓
Capacitance		✓	✓	✓	✓
Frequency		✓		✓	✓
Temperature		✓			✓
Relative mode				✓	✓
MIN/MAX		✓	✓	✓	✓
CAT III 600V	✓	✓	✓	✓	
CAT IV 600V					✓

	BASIC		60 SERIES		ADVANCED
MODEL	MM39	MM64	MM65	MM67	MM94
	Basic digital multimeter ideal for general electrical testing and occasional use.	Basic meter for general electrical servicing.	Mid range meter ideal for both maintenance and field service applications	True RMS meter for every day use in both electrical and industrial troubleshooting	Top of the range fully functioned meter for electrical , electronic and industrial service and troubleshooting
<b>Display counts</b>	1999	1999	3400	6600	60000
<b>True RMS</b>	No	No	No	Yes	Yes
<b>Auto ranging</b>	Yes	No	Yes	Yes	Yes
<b>Basic DC accuracy</b>	±(1.0% rdg + 2 digits)	± (0.5% of rdg + 1 digit)	± (1.0 % of rdg + 2 digits)	± (0.5% rdg + 2 digits)	± (0.08% rdg + 5 digits)
<b>DC Volts</b>	600V	600V	600V	600V	1000V
<b>AC Volts (50 - 500Hz)</b>	600V	600V	600V	600V	750V
<b>DC Current</b>	10A	200mA	10A	10A	20A
<b>AC Current (50-500Hz)</b>	10A	200mA	10A	10A	20A
<b>Resistance</b>	200KΩ	200KΩ	34Ω	66Ω	60Ω
<b>Capacitance</b>	No	20 mF	No	66mF	66mF
<b>Conductance</b>	No	No	No	No	Yes
<b>Frequency</b>	No	40 KHz	No	66MHz	10MHz
<b>Temperature</b>	No	750 °C	No	No	1300 °C
<b>Diode Test</b>	Yes	Yes	Yes	Yes	Yes
<b>Continuity test</b>	Yes	Yes	Yes	Yes	Yes
<b>Backlight</b>	Yes	Yes	No	Yes	Yes
<b>Data hold</b>	Yes	No	Yes	Yes	Yes
<b>Relative mode</b>	No	No	No	Yes	Yes
<b>MIN / MAX</b>	No	Yes	Yes	Yes	Yes
<b>Analogue Bar Graph</b>	No	No	Yes	No	Yes
<b>Auto power off</b>	Yes	Yes	Yes	Yes	Yes
<b>Battery</b>	2 x AAA	9V	9V	9V	9V
<b>Warranty</b>	2 Years	2 years	2 Years	2 Years	2 years
<b>Dimensions</b>	145 x 70 x 34 mm / 315g	165 x 78 x 42.5 mm / 285g	165 x 78 x 42.5 mm / 285g	165 x 78 x 42.5 mm / 285g	198 x 90 x 44 mm / 440g
<b>Storage</b>	-20°C to 60°C at <80% humidity	-20°C to 60°C at <80% Humidity	-20°C to 60°C at <80% Humidity	-20°C to 60°C at <80% Humidity	-20°C to 60°C at <80% Humidity
<b>Operating</b>	0°C to 50°C at < 70% Humidity	0 to 50°C at <70% Humidity	0 to 50°C at <70% Humidity	0 to 50°C at <70% Humidity	0 to 50°C at <70% Humidity
<b>Safety Rating</b>	BS EN61010-1 CAT III 600V	BS EN61010-1 CAT III 600V	BS EN61010-1 CAT III 600V	BS EN61010-1 CAT III 600V	BS EN61010-1 CAT IV 600V