

# COMPACT MULTIMETERS



## COMPACT MULTIMETER



The MT873 is a True RMS multimeter and can be used to measure AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle, Non Contact AC Voltage (NCV) detection, diode test and audible continuity. It also features a data hold & relative mode functions. This multimeter is a slim sized, portable, robust drop proof digital multimeter has a 6000 count digit LCD monitor with large 25mm digits that offer clear and easy reading. The circuitry design is centred on large-scale IC A/D converters in conjunction with an over-load protection circuit, the meter offers excellent performance and is ideal for a versatile digital multimeter.

### Features

- Large 6000 count LCD display
- Measures AC and DC voltage up to 600V
- Measures AC and DC current up to 10A
- Capacitance and Frequency Measurements
- Temperature measurement from -20°C to 1000°C
- NCV – Non-Contact Voltage Detector
- Continuity Buzzer & Diode Test
- Min, Max and Data Hold Function
- Relative Mode
- Auto Power Off
- Auto back light

Function	Range	Accuracy
DC Voltage	600.0mV - 600V	±(0.5%+2)
AC Voltage	6V - 600V	±(1.0%+3)
DC Current	600µA- 10A	±(1.2%+2)
AC Current	600µA- 10A	±(1.2%+2)
Duty Cycle	0.1 to 99.9%	±(2%+2)
Resistance	600Ω - 60MΩ	±(1.0%+2)
Frequency	9.999Hz - 9.999MHz	±(0.1%+5)
Capacitance	9.999nF - 99.99mF	±(3.0%+10)
Temperature	-20 to 1000°C	±(3.0%+1)
Size	150 x 100 x 36mm	
Weight	250g	



MT873

## COMPACT MULTIMETER



The MT870 is a compact True RMS multimeter supplied with a rubber holster designed to be robust and drop proof. The meter has a 2000 count large easy to read display and is an auto ranging multimeter with the option of manual override. Measuring functions include AC and DC voltage, AC and DC current, resistance, continuity buzzer and diode test range. The AC and DC micro Amp ranges is suited for electronic measurements. The MT870 also offers the added convenience of 1.5V and 9V battery tests and a tilt stand. This meter meets the International Standard IEC 61010-1 CAT III 300V. The meter offers excellent performance and is ideal as a handy multimeter for electronic technicians and electricians, alarm installers and students studying electronics.

### Features

- Large 2000 count LCD display
- Measures AC and DC voltage up to 600V
- Measures AC and DC current up to 10A
- Battery test for 1.5V and 9V batteries
- Continuity Buzzer & Diode Test
- Min, Max and Data Hold Function
- Relative Mode
- Auto Power Off

Function	Range	Accuracy
DC Voltage	200.0mV – 600V	±(0.5%+2)
AC Voltage	2.000V – 600V	±(0.8%+3)
DC Current	200.0µA – 10A	±(1.2%+2)
AC Current	200.0µA – 10A	±(1.5%+3)
Resistance	200.0Ω – 20MΩ	±(1.0%+2)
Battery Test	9V and 1.5V	±(5.0%+5)
Auto Power Off	Approximately 15 minutes	
Size	150 x 100 x 34mm	
Weight	250g	



MT870

## COMPACT MULTIMETER



The MT24 is a compact meter with double moulded rubber housing and meets the International Standard IEC-61010-1 CAT III 600V. The large LCD display screen has a white backlight for use in arduous areas. This meter is a very economical tester ideally suited for everyday use by electricians, electronic technicians as well as the air conditioning industry. The MT24 is an autoranging multimeter with the option of manual override, and has a 6000 count LCD display with a 61 segment analogue bargraph. This meter offers features of MIN/MAX recordings, Data Hold, Frequency measurement with Duty Cycle, Capacitance measurement of up to 4000µF and resistance of 60MΩ. It has the added function of temperature measurement in either °C or °F, with a range from -20°C up to 760°C. An adaptor is supplied which converts the 4mm input to accept K-Type thermocouples.

### Features

- Measures AC and DC Voltage to 1000V
- MIN/MAX Recordings
- Auto Range with Manual Override
- Frequency measurement to 10MHz
- Capacitance to 4000µF
- Temperature from -20 to 760°C
- Data Hold
- Duty Cycle
- 6000 Count LCD with bargraph
- Auto Power Off
- Overmould rubber housing
- Integrated Test Lead Holder
- Backlight for dimly lit areas
- Temperature measurement

Function	Range	Accuracy
DC Voltage	600.0mV - 1000V	±(1.2%+2)
AC Voltage	6.000V - 1000V	±(1.5%+3)
DC Current	6A - 10A	±(2.5%+5)
AC Current	6A - 10A	±(3.0%+5)
Resistance	600.0Ω - 60.00MΩ	±(2.0%+2)
Frequency	9.999Hz - 10MHz	±(1.2%+3)
Capacitance	40.00nF - 4000µF	±(3.0%+5)
Temperature	-20 to 760°C	±( 3.0%+5)
Size	150 x 70 x 48mm	
Weight	255g	



MT24