

COMPACT MULTIMETERS



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The MT874 is a durable and attractive compact True RMS multimeter with a high contrast LCD display with detailed display icons. Equipped with 7 measuring functions and 20 ranges, each test position is quickly and easily selected with a simple turn of the selector switch. The meter has a double moulded rubber housing and has IEC 61010-1 CAT III 600V safety rating. The sturdy structure is designed to withstand the rugged environment of a work site and has been drop tested up to 2 meters. The meter has a built-in tilt stand for hands free convenience as well as low battery indication and auto power off. This meter is ideally suited for everyday use by electricians, electronic technicians, the air conditioning industry and DIY users.

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
- Data Hold Function
- Relative Mode
- Auto Power Off

Function	Range	Accuracy
DC Voltage	200.0mV – 600V	±(0.8% +5)
AC Voltage	200.0V – 600V	±(1.2% +10)
DC Current	200.0mA – 10A	±(1.2% +5)
AC Current	200.0mA – 10A	±(1.2% +5)
Resistance	200.0Ω – 2MΩ	±(0.8% +5)
Battery Test	9V and 1.5V	±(1.0% +5)
Auto Power Off	Approximately 15 minutes	
Size	154 x 74 x 43mm	
Weight	221g	



MT874

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The MT876 is a compact True RMS multimeter supplied in a double moulded rubber housing, designed to withstand the rugged environment of a work site and has been drop tested up to 2 meters. This is an auto ranging multimeter with the option of manual override and has a 4000 count display with a back light. The “Live” function allows the user to physically connect one lead to the Live or Neutral wires to determine the Live contact and when detected, LIVE is displayed on screen and the NCV indicator light flashes and the buzzer sounds. This meter conforms to the International Standard IEC 61010-1 CAT III 600V, and is ideally suited for everyday use by electricians, electronic technicians, the air conditioning industry and DIY users

Features

- 4000 count with backlit LCD display
- Measures AC and DC voltage up to 600V
- Temperature measurement from -18°C to 1000°C
- Capacitance to 100mF
- Frequency to 10MHz
- Battery test for 1.5V and 9V batteries
- Detection of LIVE wire
- Duty Cycle
- Min, Max and Data Hold
- Auto Power Off
- NCV – Non-Contact Voltage Detector

Function	Range	Accuracy
DC Voltage	400.0mV – 600V	±(0.5% +8)
AC Voltage	4.000V – 600V	±(1.2% +5)
DC Current	400.0μA – 10A	±(1.0% +8)
AC Current	400.0μA – 10A	±(1.2% +8)
Resistance	400.0Ω – 40MΩ	±(1.2% +5)
Frequency	9.999Hz – 9.999MHz	±(1.2% +5)
Capacitance	99.99nF – 100mF	±(3.5% +5)
Temperature	-18°C – 1000°C	±(1.5% +5°C)
Duty Cycle	0.1% to 99.9%	±(1.2% +5)
Battery Test	9V and 1.5V	±(1.0% +5)
Size	154 x 74 x 43mm	
Weight	221g	



MT876

6-IN-1 ENVIRONMENT DMM



The MT1875 is a 6-in-1 Digital Multimeter with Environmental Measurement. It has been designed to combine the functions of Sound Level, Light Meter, Humidity, Temperature and non contact voltage detector all in one meter. Sound level can be used in factories, schools, offices and homes, checking acoustics of studios, auditoriums and hi-fi installations. Light meter is fully cosine corrected for the angular incidence of light. Temperature is measured via a K-Type thermocouple. The DMM function includes AC volt, DC volt, AC current, DC current, Resistance, Capacitance, Frequency and Duty Cycle.

Features

- 6-in-1 multifunction meter with environment measurement
- Fully functional DMM with ACV, DCV, ACA, DCA, Ohms, Frequency, Capacitance and Duty Cycle
- Continuity Buzzer and Diode Test
- Non-contact voltage detector
- LUX Meter measurement to 40,000 lux
- Indoor: Humidity range from 25% to 95% RH (0.1%)
- Indoor: Temperature from -20°C to 50°C
- Sound level measurement to 110dB
- Meets CAT IV 600V and CAT III 1000V safety designs
- 4000 Count digital display with backlight
- Data hold and relative function

Function	Range	Accuracy
DC Voltage	400.0mV - 600V	±(1.0% +4)
AC Voltage	400.0mV - 600V	±(1.0% +4)
DC Current	400.0μA - 10A	±(1.0% +2)
AC Current	400.0μA - 10A	±(2.0% +5)
Resistance	400.0Ω - 40.00MΩ	±(1.5% +2)
Frequency	5.000Hz - 10.00MHz	±(1.2% +3)
Capacitance	50.00nF - 100.0μF	±(3.0% +5)
Temperature	-20°C to 750°C	±(3.0% +5)
Humidity	33% - 99%	±(3.0% +5)
Lux	4000 - 40,000Lux	±(5.0% +10)
Decibel	35 - 110dB	±(5.0% +10)
AC Bandwidth	50Hz to 400Hz	
Duty Cycle	99.90%	± 1.2%
Size	170 x 79 x 50mm	
Weight	335g	



MT1875