



# MT1875 Environmental Multimeter

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	



4000 Count Backlit  
LCD Display



NCV Detection



Sound & Light Level, Humidity &  
NCV Detector

## MT1875 | 6-in-1 Environmental DMM

Contact Us  
South Africa

[www.major-tech.com](http://www.major-tech.com) [sales@major-tech.com](mailto:sales@major-tech.com)

Australia

[www.major-tech.com.au](http://www.major-tech.com.au) [info@major-tech.com.au](mailto:info@major-tech.com.au)