MT1882
Industrial Multimeter

TRUE RMS

The MT1882 is a True RMS professional multimeter especially designed for everyday use by HVAC technicians and electricians, whist offering voltage measuring ranges up to 1000V AC and DC and with useful measuring ranges of Temperature, Resistance, AC/DC Current, Capacitance and Frequency. NCV function, automatic Non-Contact voltage detection, the LCD backlight will glow red when AC voltage above 110V is sensed. The large 6000 count backlit LCD display with a 61 segment bargraph ensures that readings are easy to read under all circumstances. The meter has been designed that should a user turn the rotary switch in any direction whilst and input of up to 1000V AC/DC is applied to the meter, the meter will not get damaged. The meter has a double moulded rubber case with IP67 waterproof and dustproof rating, rugged design for heavy duty use.

Features

- IP67 Overmould Dust & waterproof
- Auto range with manual override
- Temperature between -20 to 1000°C
- Measures frequency range of 10Hz to 10MHz on electronic and electrical circuits
- Measures AC and DC voltage to 1000V
- Capacitance to 4000µF / Relative mode / Data hold
- NCV detection above 110V AC, LCD turns red to indicate presence of voltage
- MIN/MAX recording mode
- Measures resistance up to 60MΩ
- 6000 Count LCD display with a 61 segment analogue bargraph
- Full ranges protection & Auto power off
- Integrated test lead holder
- Blue backlight for dimly lit areas

Function	Range	Accuracy
DC Voltage	600.0mV - 1000V	±(0.5% +2)
AC Voltage	6.000V - 1000V	±(0.8% +4)
AC Voltage VFD	50V - 600V	±(4.0% +9)
DC Current	600.0µA - 10A	±(1.0% +3)
AC Current	600.0µA - 10A	±(1.5% +3)
Resistance	600Ω - 60.00MΩ	±(0.8% +2)
Temperature	20 to 1000°C	±(3.0% +5)
Capacitance	40.00nF - 4000µF	±(1.0% +5)
Frequency	9.999Hz - 9.999MHz	±(4.0% +3)
Size	187 x 81 x 50mm	
Weight	342g	

IEC 61010-1 CAT IV 600V

IEC 61010-1 CAT III 1000V

IP67 Waterproof Dustproof

6000 Count Backlit LCD Display with 61 segmented bargraph

NCV Detection

IP67 Dust & Waterproof Double Moulded Housing

MT1882 | 1000V AC/DC Industrial Multimeter