



MT1881 Industrial Multimeter *TRUERMS*

The MT1881 is a True RMS professional multimeter having a large 6000 count backlit LCD with a 61 segment analogue bar graph, especially designed for everyday use by electricians. Capable of measuring 1000V AC and DC, with added measuring ranges of Resistance, AC/DC Current, Capacitance and Frequency. The meter has been designed that should a user turn the rotary switch in any direction whilst an input of less than 1000V AC/DC is applied to the meter, the meter will not get damaged. NCV function, automatic Non-Contact voltage detection, the LCD backlight will glow red when AC voltage above 110V is sensed. The meter has a double moulded rubber case with IP67 waterproof and dustproof rating, rugged design for heavy duty use.



Features

- NCV detection above 110V AC, LCD turns red to indicate presence of voltage
- IP67 Dust & waterproof with O-ring sealed casing
- Auto range with manual override
- Measures frequency range of 10Hz to 10MHz on electronic and electrical circuits
- Measures AC and DC voltage to 1000V
- Capacitance to 4000 μ F / Relative mode / Data hold
- MIN/MAX recording mode
- 6000 Count LCD display and equipped with a 61 segment analogue bargraph
- Full ranges protection & Auto power off
- Overmould rubber housing & Integrated test lead holder
- Blue backlight for dimly lit areas
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Function	Range	Accuracy
DC Voltage	600.0mV - 1000V	$\pm(0.5\% + 5)$
AC Voltage	6.000V - 1000V	$\pm(0.8\% + 4)$
AC Voltage VFD	50V - 600V	$\pm(4\% + 9)$
DC Current	600.0 μ A - 10A	$\pm(0.1\% + 3)$
AC Current	600.0 μ A - 10A	$\pm(1.5\% + 3)$
Resistance	600.0 Ω - 60.00M Ω	$\pm(0.8\% + 2)$
Frequency	9.999Hz - 9.999MHz	$\pm(1\% + 3)$
Capacitance	40.00nF - 4000 μ F	$\pm(4\% + 5)$
Size	187 x 81 x 51mm	
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

MT1881 | 1000V AC/DC Industrial Multimeter

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