



MT565 Insulation Tester & Multimeter *TRUE RMS*

The MT565 is a combination of a True RMS multimeter and an Insulation Continuity tester. The MT565 measures AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle and temperature. The Low pass filter can accurately measure variable frequency drive (VFD) signals. The insulation tester offers 50V, 100V, 250V, 500V, and 1000V ranges with an insulation resistance up to 5000MΩ, DAR and Auto PI functions. The meter has a 50 000 count LCD dual display with an analogue bar graph, and the CAT IV 600V rating ensures the highest level of safety. The unit offers Bluetooth communication and an internal memory to store and transfer information.

Features

- 50 000 count with analogue bargraph backlit LCD display
- Measures AC and DC voltage up to 1000V
- Measures AC and DC current up to 10A
- 5 insulation test ranges 50V, 100V, 250V, 500V, 1000V
- Insulation Resistance up to 5GΩ
- Temperature measurement from -50°C to 1200°C
- Capacitance to 10mF
- Frequency to 10MHz
- Low Pass Filter for measurement of variable frequency drive (VFD)
- Peak Hold function for Voltage and Current measurements
- Download stored data to iOS or Android App via Bluetooth
- Continuity buzzer
- Min/Max and Data Hold function
- IP65 double moulded rugged waterproof housing



Function	Range	Accuracy
Insulation		
50V – 2000MΩ	1mA@50kΩ	±(4.0% +5)
100V – 5000MΩ	1mA@100kΩ	±(4.0% +5)
250V – 5000MΩ	1mA@250kΩ	±(3.0% +5)
500V – 5000MΩ	1mA@500kΩ	±(3.0% +5)
1000V – 5000MΩ	1mA@1MΩ	±(4.0% +5)
Low Ohm Meter		
Resistance	0.000Ω – 2000Ω	±(2.0% +5)
Open Circuit Voltage	5.0V	±1V
Measuring Current	200mA	
Multimeter		
DC Voltage	500mV – 1000V	±(0.1% +4)
AC Voltage	500mV – 1000V	±(0.1% +5)
DC Current	500μA – 10A	±(1.0% +3)
AC Current	500μA – 10A	±(1.5% +3)
Resistance	500Ω – 50MΩ	±(0.5% +3)
Frequency	50Hz – 50MHz	±(0.3% +2)
Capacitance	500nF – 5mF	±(3.5% +9)
Temperature	-50°C – 1200°C	±(1.0% +2.5°C)
Size	210 x 97 x 68mm	
Weight	634g	



50 000 Count Backlit LCD Display



Auto PI and DAR



Bluetooth 4.0 & Internal Storage



Top Entry of Standard 4mm Test Lead Terminal

MT565 | 600V AC/DC Compact Multimeter

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MT740 Clamp Meter Adaptor *TRUERMS*



The MT740 is a 3000A True RMS AC Flex Clamp adaptor that supplies voltage output to universal voltage meters. With a 7.5mm coil diameter to accommodate ease of measurement in a tight space and is ergonomically designed for one handed operation. The MT740 Flex Clamp Adaptor is CAT IV rated 600V and CAT III rated for 1000V.

Features

- 457mm (18") head cable length
- 3000A AC current measurement
- 7.5mm coil diameter
- Slide switch range change
- Low battery LED indicator
- Ergonomically designed

Function	Range	Accuracy
Jaw Size	185mm	
AC Current	30A- 3000A	$\pm(3.0\% + 5mA)$
Output	3000A@1mV/A 300A@10mV/A 30A@100mV/A	
AC Bandwidth	50Hz to 60Hz	
Size	180 x 106 x 28mm	
Weight	210g	



180mm Flexible Jaw



Slide Switch
Range Change



mA Output to std
4mm banana



MT740 | Flexible AC Clamp Adaptor

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