

The MT777 is a CAT IV 600V, 6000 count True RMS 1000A AC/DC digital clamp meter with an analogue bargraph indication on a TFT colour display, providing fast sampling time with high accuracy. The meter has a built in Data logger with 100 Graph Data review, using Bluetooth, the meter wirelessly transmits data to the Android or iOS mobile App allowing the user to view, save, organise and share recordings. The VFD function allows the user to measure stable voltage in high frequency applications, while the Low Z range function has a low pass filter to eliminate errors caused by "Ghost" voltages. The meter measures 1000V AC/DC, temperature, frequency, capacitance and resistance measurements, plus 100ms Inrush current and Peak Hold. Using the optional MT740 True RMS Flexible Clamp Adaptor, the measuring range can be extended to measure 3000A AC. Added features is Non-Contact voltage detection, data hold function and a built-in flashlight for dimly lit areas. Housed in a modern double moulded rubber housing.

### Features

- 6000 count TFT colour LCD display
- Ø33mm Cable Clamp size
- Measurement of AC, AC+DC TRMS and DC voltage up to 1000V
- Capacitance to 100mF
- Temperature measurement from -40°C to 1000°C
- Trend Capture Function
- 100 Graph Data Review
- INRUSH Current Measurements
- 3000A range for optional MT740 Flex Clamp Adaptor
- VFD - Variable Frequency Drive voltage value
- LoZ - Low impedance mode prevents false readings due to "Ghost" voltage
- NCV - Non-Contact Voltage Detector
- Continuity buzzer and Diode Test
- Peak Mode, Min/Max and Data Hold function
- Built-in Flashlight and Auto Power Off



Function	Range	Accuracy
DC Current	600.0A- 1000A	±(2.5% +5)
AC Current	600.0A- 1000A	±(2.5% +5)
Flexible Coil Current	30.00A – 3000A	±(3.0% +5)
DC Voltage	600.0mV – 1000V	±(1.5% +5)
AC Voltage	6.000V – 1000V	±(1.5% +5)
LoZ AC Voltage	6.000V – 300V	±(3.0% +40)
AC+DC TRMS Voltage	6.000V – 1000V	±(2.5% +20)
Resistance	600.0Ω – 60MΩ	±(1.5% +5)
Frequency	9.999Hz – 99.99kHz	±(1.2% +5)
Capacitance	60.00nF – 100mF	±(3.0% +8)
Temperature	-40°C – 1000°C	±(1.5% +5°C)
Duty Cycle	10.0% to 90%	±(1.2% +8)
Size	230 x 66 x 44mm	
Weight	350g	



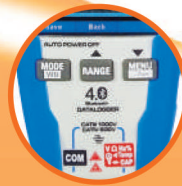
Red Light indicates detection of Non Contact Voltage (NCV)



6000 Count Backlit TFT Colour Display



Rear entry of standard 4mm Test Lead Terminals



Inrush Current, Peak Hold & VFD Measurements



Meter includes flash light to light up area of test



## MT777 | 1000A AC/DC Bluetooth Clamp Meter

Contact Us  
 South Africa

Australia