

AC CLAMP METERS



1000A AC CLAMP METER



TRUERMS

The MT770 is a CAT IV 600V, 6000 count True RMS 1000A AC digital clamp meter with indication on a large backlit LCD display, providing fast sampling time with high accuracy. The meter measures 1000V AC/DC, temperature, frequency, capacitance and resistance measurements, plus 100ms Inrush current and Peak Voltage value. The VFD function allows the user to measure stable voltage in high frequency applications of Variable Frequency Drives, while the Low Z range function has a low pass filter to eliminate errors caused by "Ghost" voltages. Added features include Relative mode for Capacitance Zero and DCV, ACV and ACA offset adjustment, 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 backlit LCD display
- Ø33mm Cable Clamp size
- Measurement of DC voltage and AC voltage up to 1000V
- Capacitance to 100mF
- Temperature measurement from -20°C to 1000°C
- INRUSH Current Measurements
- VFD - Variable Frequency Drive voltage value
- LoZ - Low impedance mode prevents false readings due to "Ghost" voltage
- NCV - Non-Contact Voltage Detector
- Built-In Flashlight
- Continuity buzzer and Diode Test
- Peak Mode and Data Hold function
- Auto Power Off

Function	Range	Accuracy
AC Current	600.0A - 1000A	±(2.5% +8)
DC Voltage	600.0mV - 1000V	±(1.5% +2)
AC Voltage	6.000V - 1000V	±(1.5% +5)
LoZ AC Voltage	6.000V - 300V	±(3.0% +40)
Resistance	600.0Ω - 60MΩ	±(1.5% +2)
Frequency	9.999Hz - 99.99kHz	±(1.2% +5)
Capacitance	60.00nF - 100mF	±(3.0% +5)
Temperature	-20°C - 1000°C	±(3.0% +5°C)
Duty Cycle	10.0% to 90%	±(1.2% +2)
Size	230 x 66 x 44mm	
Weight	350g	



MT770

600A AC CLAMP METER



TRUERMS

The MT730 is a CAT III 600V, 6000 count True RMS 600A AC digital clamp meter with indication on a large backlit LCD display, providing fast sampling time with high accuracy. The meter measures 1000V AC/DC, temperature, frequency, capacitance and resistance measurements, plus 100ms Inrush current and Peak Voltage value. The VFD function allows the user to measure stable voltage in high frequency applications of Variable Frequency Drives. Added features include Relative mode for Capacitance Zero and DCV, ACV and ACA offset adjustment, 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 backlit LCD display
- Ø33mm Cable Clamp size
- Measurement of DC voltage and AC voltage up to 1000V
- Capacitance to 100mF
- Temperature measurement from -20°C to 1000°C
- INRUSH Current Measurements
- VFD - Variable Frequency Drive voltage value
- NCV - Non-Contact Voltage Detector
- Built-In Flashlight
- Continuity buzzer and Diode Test
- Peak Mode and Data Hold function
- Auto Power Off

Function	Range	Accuracy
AC Current	60.00A - 600A	±(2.0% +8)
DC Voltage	6.000V - 1000V	±(1.0% +3)
AC Voltage	6.000V - 1000V	±(1.2% +5)
Resistance	600.0Ω - 60MΩ	±(1.5% +2)
Frequency	10Hz - 100kHz	±(1.0% +5)
Capacitance	99.00nF - 100mF	±(3.0% +5)
Temperature	-20°C - 1000°C	±(3.0% +3°C)
Duty Cycle	20.0% to 80%	±(1.2% +10)
Size	239 x 72 x 40mm	
Weight	318g	



MT730

400A AC CLAMP METER



TRUERMS

The MT720 is a CAT III 600V, 4000 count True RMS 400A AC digital clamp meter with indication on a large backlit LCD display, providing fast sampling time with high accuracy. The meter measures 1000V AC/DC, temperature, frequency, capacitance and resistance measurements, plus 100ms Inrush current and Peak Voltage value. The VFD function allows the user to measure stable voltage in high frequency applications of Variable Frequency Drives. Added features include Relative mode for Capacitance Zero and DCV, ACV and ACA offset adjustment, 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

- 4000 count backlit LCD display
- Ø30mm Cable Clamp size
- Measurement of DC voltage and AC voltage up to 1000V
- Capacitance to 100mF
- Temperature measurement from -20°C to 1000°C
- INRUSH Current Measurements
- VFD - Variable Frequency Drive voltage value
- NCV - Non-Contact Voltage Detector
- Built-In Flashlight
- Continuity buzzer and Diode Test
- Peak Mode and Data Hold function
- Auto Power Off

Function	Range	Accuracy
AC Current	40.00A - 400A	±(2.0% +8)
DC Voltage	4.000V - 1000V	±(1.0% +3)
AC Voltage	4.000V - 1000V	±(1.2% +5)
Resistance	400.0Ω - 40MΩ	±(1.5% +2)
Frequency	10Hz - 100kHz	±(1.0% +5)
Capacitance	99.00nF - 100mF	±(3.0% +5)
Temperature	-20°C - 1000°C	±(3.0% +3°C)
Duty Cycle	20.0% to 80%	±(1.2% +10)
Size	220 x 80 x 39mm	
Weight	305g	



MT720