

TRUERMS



MT710

600A AC CLAMP METER



The MT710 is a CAT III 600V, 4000 count True RMS 600A AC digital clamp meter with indication on a large backlit LCD display, providing fast sampling time with high accuracy. The Smart mode, "AUTO", is a function that automatically identifies DC voltage, AC voltage, resistance and continuity and automatically displays the measurements. By pressing the NCV button continuously the LCD displays "EF" and will display "----" when voltage is detected and the buzzer sounds. The meter measures 600V AC/DC, frequency, resistance measurements, plus Inrush current and Peak Voltage value. Other features include, Data hold function and a built-in flashlight for dimly lit areas. Housed in a modern compact housing ideal for electricians, HVAC technicians and students studying electrical.

Features

- 4000 count backlit LCD display
- Ø25mm Cable Clamp size
- Smart Mode automatically identifies DCV, ACV, Resistance and continuity
- Measurement of DC voltage and AC voltage up to 600V
- INRUSH Current Measurements
- NCV – Non-Contact Voltage Detector
- Built-In Flashlight
- Continuity buzzer
- Peak Mode and Data Hold function
- Auto Power Off

Function	Range	Accuracy
AC Current	4.000A – 600A	±(2.5% +8)
DC Voltage	4.000V – 600V	±(0.5% +3)
AC Voltage	4.000V – 600V	±(1.0% +3)
Resistance	4.000kΩ – 40MΩ	±(0.5% +3)
Frequency	4.000Hz – 100kHz	±(1.0% +2)
Size	172 x 64 x 32mm	
Weight	172g	

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MT715

200A AC CLAMP METER



The MT715 is a CAT IV 600V, 6000 count True RMS 200A AC digital clamp meter with indication on a large backlit negative LCD display, with a clamp jaw opening of 16mm. This open jaw clamp meter is designed to assist in the ease of measuring current in crowded or tight cable areas, as the jaws need only be pushed over the wire to obtain accurate readings. The meter measures 1000V AC/DC, capacitance and resistance measurements, plus a Min and Max mode. The Low Z range function has a low pass filter to eliminate errors caused by "Ghost" voltages, and has features of Non-Contact Voltage detection, diode test function, a continuity buzzer and a built-in flashlight. Housed in a modern double moulded rubber housing with a rugged design for heavy duty use.

Features

- 6000 count negative LCD display
- Open Jaw Sensor
- Ø16mm Cable Clamp size
- Measures DC voltage and AC voltage up to 1000V
- Capacitance to 4000µF
- NCV – Non-Contact Voltage Detector
- Low input impedance prevents false readings due to "Ghost" voltage (LoZ)
- Built-In Flashlight
- Continuity buzzer and Diode Test
- Min/Max and Data Hold function
- Auto Power Off

Function	Range	Accuracy
AC Current	200.0A	±(3.0% +5)
DC Voltage	6.000V – 1000V	±(1.0% +2)
AC Voltage	6.000V – 1000V	±(1.2% +2)
DC Current	60.00mA – 10A	±(1.2% +3)
Resistance	600.0Ω – 60MΩ	±(1.5% +4)
Frequency	9.999Hz – 99.99MHz	±(1.2% +5)
Capacitance	60.00nF – 4000µF	±(3.0% +5)
Temperature	-40°C – 1000°C	±(1.5% +5°C)
Size	250 x 78 x 40mm	
Weight	350g	

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MT700

200A AC CLAMP METER



The MT700 is a CAT IV 600V, 2000 count True RMS 200A AC digital clamp meter with indication on a large backlit negative LCD display, with a clamp jaw opening of 16mm. A superb feature for electricians is the ability to simultaneously measure current and voltage and view both readings on the LCD display. The MT700 measures AC and DC voltage up to 1000V and displays the reading on both the LED and LCD displays. This open jaw clamp meter is designed to assist in the ease of measuring current in crowded or tight cable areas, as the jaws need only be pushed over the wire to obtain accurate readings. Added features include resistance measurements, Rotary Field Indication, continuity buzzer, data hold, built-in flashlight plus Non-Contact Voltage detection. Housed in a modern double moulded rubber housing with a rugged design for heavy duty use.

Features

- 2000 count negative LCD display
- Open Jaw Sensor
- Ø16mm Cable Clamp size
- Simultaneously displays voltage and current measurements
- Measures DC voltage and AC voltage up to 1000V on LCD
- LED indication of AC and DC voltage from 12V to 1000V
- Resistance measurement to 2000Ω
- Rotary Field Indication
- NCV – Non-Contact Voltage Detector
- Built-In Flashlight
- Continuity buzzer and Data Hold function
- Auto Power Off

Function	Range	Accuracy
AC Current	200A	±(3.5% +5)
DC Voltage LCD	6V – 1000V	±(3.0% +5)
AC Voltage LCD	6V – 1000V	±(3.0% +5)
DC Voltage LED	12V – 1000V	Complies with EN 61243-3:2014
AC Voltage LED	12V – 1000V	Complies with EN 61243-3:2014
Resistance	0Ω – 2000Ω	±(5.0% +10)
Rotary Field Indication	100V – 1000V LED	
Size	250 x 78 x 40mm	
Weight	350g	