

Product Datasheet - Technical Specifications



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MW3366

Clamp Meter 600A TRMS AC + DC

The MW3366 multimeter clamp is a must-have for any toolbox. It is a multifunctional clamp allowing to realize TRMS AC+DC measurements in current and in voltage. It allows a current measurement up to 600A with two sensitivities in order to measure low currents with a high accuracy. It can also measure AC and DC voltages up to 600V. With advanced functions such as frequency measurement, resistance measurement up to 40M Ω , capacitance measurement up to 2000 μ F, continuity measurement or temperature measurement, it will answer to all your inspections or troubleshooting diagnosis needs.

■ Features :

- Current measurement up to 600A TRMS AC + DC
- Voltage measurement up to 600V TRMS AC+DC
- Voltage measurement on Variable Frequency Drives (VFD) up to 600V
- Low current measurement AC + DC function
- Frequency measurement up to 400Hz
- Resistance measurement up to 40M Ω
- Capacitance measurement up to 2500 μ F
- Diode testing
- Continuity function with buzzer
- Jaw opening : 35mm maximum
- Non-Contact voltage detection (Electric Field detection)
- Auto-ranging mode
- Backlighted LCD display
- Auto-Power-Off mode after 32 minutes of inactivity
- Capture Peak RMS 80ms mode for inrush currents
- Relative-zero mode (offset)
- Fonction HOLD
- 6000 counts display
- Safety : CAT III 600V and CAT IV 300V



MW3366

Clamp Meter 600A TRMS AC +DC

Specifications		MW3366
AC + DC current (clamp-on)		
Range		Accuracy
		DC, 50Hz-100Hz
60.00A - 600.0A		± (2.2% reading + 7dgt)
		100Hz-400Hz
60.00A - 600.0A		± (2.7% reading + 5dgt)
DC current (clamp)		
Range		Accuracy
60.00A - 600.0A		± (2.0% reading + 5dgt)
AC current (clamp)		
Range		Précision
		50Hz-100Hz
60.00A - 600.0A		± (1.8% reading + 5dgt)
		100Hz-400Hz
60.00A - 600.0A		± (2.0% reading + 5dgt)
DC current (clamp-on)		
Range		Accuracy
		DC, 50Hz-60Hz
60.00A		± (2.0% reading + 7dgt)
AC current (clamp-on)		
Range		Accuracy
60.00A		± (2.0% reading + 5dgt)
Low AC current (clamp)		
Range		Accuracy
		DC, 50Hz-60Hz
60.00A		± (1.5% reading + 5dgt)
AC voltage (with digital low pass filter)		
Bandwith		50Hz-60Hz
Ranges		600.0V
Accuracy		± (1.2% reading + 5dgt)
Impedance		10MΩ // 100pF
DC Voltage		
Ranges		600.0V
Accuracy		± (0.5% reading + 5dgt)
Impedance		10MΩ // 100pF
AC + DC Voltage (with digital low pass filter)		
Bandwith		DC, 50Hz-60Hz
Ranges		600.0V
Accuracy		±(1.2% reading + 7dgt)
Impedance		10MΩ // 100pF
Resistance		
Range		Accuracy
600.0Ω-6.000kΩ, 60.00kΩ		± (1.0% reading + 5dgt)
Frequency		
Function		Accuracy
600V		5.00Hz - 999.9Hz
6A (low current mode)		50.00Hz - 400.0Hz
60A, 600A		50.00Hz - 400.0Hz
Accuracy		± (1% reading + 5dgt)
Non-contact EF-Detection		
Voltage		Bar-graph indication
20V (tolerance : 10V - 36V)		-
55V (tolerance : 23V - 83V)		--
110V (tolerance : 59V-165V)		---
220V (tolerance : 124V-330V)		----
440V (tolerance : 250V-600V)		-----
Indication : Bar-graph segments & audible beep tones proportional to the field strength		
Detection frequency : 50/60Hz		

Clamp Meter 600A TRMS AC +DC

Specifications		MW3366
Continuity		
Audible Threshold : between 10Ω and 250Ω		
Response time 32ms		
Capacitance		
Range		Accuracy
200.0μF, 2500μF		± (2.0% reading + 4dgt)
Diode testing		
Range		Accuracy
2.000V		± (1.5% reading + 5dgt)
General specifications		
Screen display		LCD screen
Measurement display		6000 counts
Jaw opening		35mm max
Update rate		5 measurements/s
APO (Auto-Power-Off)		after 32 minutes
Operating temperature		0°C to 40°C
Storage temperature		-20°C to 60°C < 80% R.H
Operating altitude		Under 2000m
Safety		CAT III 600V and CAT IV 300V
Power supply		2 batteries 1,5V AAA
Power consumption		13 mA
Dimensions		223mm x 76mm x 37mm
Weight		234g
Warranty		1 an

Accessories provided : Test lead set, User's manual, Soft carrying pouch.

