

Product Datasheet - Technical Specifications



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MW3366 Clamp Meter 600A TRMS AC + DC

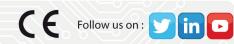
The MW3366 multimeter clamp is a must-have for any toolbox. It is a multifunctional clamp allowing to realize TRMS AC+DC measurements in current and in voltage. It allows a current measurement up to 600A with two sensitivities in order to measure low currents with a high accuracy. It can also measure AC and DC voltages up to 600V. With advanced functions such as frequency measurement, resistance measurement up to $40M\Omega$, capacitance measurement up to 2000μ 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
- \bullet Resistance measurement up to $\,40\text{M}\Omega$
- Capacitance measurement up to 2500µF
- Diode testing
- Continuity function with buzzer
- Jaw opening: 35mm maximum
- Non-Contact voltage dection (Electric Field detection)
- Auto-ranging mode
- Backlighted LCD diplay
- 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 diplay
- Safety: CAT III 600V and CAT IV 300V



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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)		
Gamme	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		

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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	\pm (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.







MW3366 A 00 - Specifications can be updated without notice