

MW3036B 600A AC / DC TRMS Clamp Meter

The MW3036B clamp meter is an essential tool for electrical professionals and maintenance technicians. Designed to measure AC and DC currents up to 600A with TRMS accuracy, it ensures precise readings even on non-sinusoidal signals. Robust and ergonomic, it offers additional features such as voltage measurement, continuity, and resistance, ensuring versatility and reliability for all electrical applications.

■ Features :

- AC / DC current measurement up to 600A (TRMS)
- AC / DC voltage measurement up to 1000V (TRMS)
- Frequency measurement up to 10MHz
- Resistance measurement up to 60MΩ
- Capacitance measurement up to 100mF
- Diode testing
- Temperature measurement (with supplied type K thermocouple)
- Continuity test with buzzer
- Jaw opening: maximum 27mm
- Non-contact voltage detection (NCV)
- Automatic range selection
- Backlit LCD screen
- Automatic shutdown after inactivity
- Inrush current capture mode
- HOLD function
- 6000 counts display
- Safety : CAT IV 600V - CAT III 1000V



NEW



TRMS AC

**CAT IV 600V
CAT III 1000V**

600A AC / DC TRMS Clamp Meter

Specifications				
DC Current	Range	Resolution	Accuracy	
	60A	0,01A	± (3% of reading + 10dgt)	
	600A	0,1A		
Minimum measured value		0,01A		
AC Current	Range	Resolution	Accuracy	
	6A	0,001A	± (2,5% of reading + 5dgt)	
	60A	0,01A		
	600A	0,1A		
Minimum measured value		0,01A		
AC Voltage	Range	Resolution	Accuracy	
	6V	0,001V	± (0,8% of reading + 5dgt)	
	60V	0,01V		
	600V	0,1V		
	1000V	1V	± (1% of reading + 5dgt)	
	Bandwidth		45Hz to 1000Hz	
Minimum measured value		1mV (RMS)		
DC Voltage	Range	Resolution	Accuracy	
	6V	0,001V	± (0,5% of reading + 5dgt)	
	60V	0,01V		
	600V	0,1V		
	1000V	1V		
Minimum measured value		1mV (RMS)		
Frequency	Range	Resolution	Accuracy	
	On "A" position		± (1% of reading + 5dgt)	
	100Hz	0,01Hz		
	1000Hz	0,1Hz		
	10kHz	0,001kHz		
	Input frequency range		10Hz - 10kHz	
	Input signal		≥ 25A AC	
	On "V" position		± (1% of reading + 5dgt)	
	100Hz	0,01Hz		
	1000Hz	0,1Hz		
	10kHz	0,001kHz		
	100kHz	0,01kHz		
	500kHz	0,1kHz		
	Input frequency range		10Hz - 500kHz	
	Input signal		≥ 0,8V AC (RMS)	
On "Hz/%" position		± (0,5% of reading + 5dgt)		
10Hz	0,001Hz			
100Hz	0,01Hz			
1kHz	1Hz			
10kHz	10Hz			
100kHz	100Hz			
1MHz	1kHz			
10MHz	10kHz			
1% - 99%		0,10%		
		± (3% of reading + 2dgt)		
Resistance	Range	Resolution	Accuracy	
	600Ω	0,1Ω	± (1,0% of reading + 3dgt)	
	6kΩ	0,001kΩ		
	60kΩ	0,01kΩ		
	600kΩ	0,1kΩ		
	6MΩ	0,001MΩ	± (2,0% of reading + 3dgt)	
60MΩ	0,01MΩ			

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Specifications			
	Range	Resolution	Function
Continuity	-	1Ω	If the resistance is less than 30Ω, a sound will be emitted. Circuit voltage is approx. 1V
	Protection	1000V DC or AC (RMS)	
Capacitance	Range	Resolution	Accuracy
	6nF	0,001nF	± (4% of reading + 5dgt)
	100nF	0,1nF	
	1μF	1nF	
	10μF	10nF	
	100μF	100nF	± (4% of reading + 5dgt)
	1mF	1μF	
	10mF	10μF	± (5% of reading + 5dgt)
100mF	100μF		
	Protection	1000V DC or AC (RMS)	
Diode	Range	Resolution	Accuracy
	3V	0,001V	not specified
Temperature	Range	Resolution	Accuracy
	-20°C - 1000 °C -4°F - 1832°F	1°C 2°F	± (1% of reading + 2dgt) ± (1% of reading + 2dgt)

General specifications	
Display	LCD display
Number of counts	6000 counts
Jaw opening	27mm max
Sampling time	3 measures/s
Automatic Power off time	after 10 minutes
Operation temperature	18°C to 28°C
Storage temperature	-10°C to 50°C < 80% R.H
Altitude	< 2000m
Safety	CAT IV 600V and CAT III 1000V
Power Supply	3 batteries 1,5V AAA
Dimensions	220mm x 75mm x 35mm
Weight	350g
Warranty	1 year

Included : Carrying case, test leads with tip probes, user manual, batteries, type K thermocouple with banana connectors.



For assistance and ordering



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MW3036B A 00 - Specifications can be updated without notice



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