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Sefram

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.

NEW



TRMS AC

CAT IV 600V
CAT III 1000V

■ 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 thermocorple)
- 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



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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)
	Bandwith	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		
	100Hz	0,01Hz	± (1% of reading + 5dgt)
	1000Hz	0,1Hz	
	10kHz	0,001kHz	
	Input frequency range	10Hz - 10kHz	
	Input signal	≥ 25A AC	
	On "V" position		
	100Hz	0,01Hz	± (1% of reading + 5dgt)
	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		
	10Hz	0,001Hz	± (0,5% of reading + 5dgt)
	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% of reading + 3dgt)
	6kΩ	0,001kΩ	
	60kΩ	0,01kΩ	
	600kΩ	0,1kΩ	
	6MΩ	0,001MΩ	± (2% of reading + 3dgt)

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Specifications			
Continuity	**Range**	**Resolution**	**Function**
	-	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	
	1mF	1µF	
	10mF	10µF	± (4% of reading + 5dgt)
	100mF	100µF	± (5% of reading + 5dgt)
	Protection	1000V DC or AC (RMS)	
Diode	**Range**	**Resolution**	**Accuracy**
	3V	0,001V	not specified
Temperature	**Range**	**Resolution**	**Accuracy**
	-20°C - 1000 °C	1°C	± (1% of reading + 2dgt)
	-4°F - 1832°F	2°F	± (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.



Carrying case

For assistance and ordering

Sefram

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MW3036B A 00 - Specifications can be updated without notice

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