

# Sefram

# MW3536BF

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our Website**  
<http://www.sefram.fr>

## Wattmeter clamps 1000A - 1000kW All measurements on power installation's with performing functions

### Capabilities

- Current measurement AC/DC until 1000A (TRMS AC+DC)
- Current measurement until 3000A AC with flex (option)
- Voltage measurement TRMS AC+DC until 1000V
- Power measurement, PF, THD and harmonics from 1 to 25
- Frequency measurement
- Temperature measurement
- Indication of phase rotation
- Current measurement start
- Resistance measurement, continuity and diode test
- Capacity measurement
- Lighting of measurement section at jaws opening
- Voltage detector without contact
- Memory 1000 data
- Data logger (9999 data)
- LCD with backlight
- Fonctions HOLD, SMART HOLD, Min, Max, Moy
- Bluetooth Interface and SEFRAM Connect application (Android® and iOS®)



**SEFRAM Connect**  
(Android® and iOS®)

### Specifications

### MW3536BF

<b>Currents AC TRMS</b>		50Hz to 400Hz	
Bandwidth		100A, 1000A	
Range		0,01A	
Resolution		±(1,5% + 5dgt)	
Accuracy			
<b>Currents DC</b>		100A, 1000A	
Range		0,01A	
Resolution		±(1,5% + 0,2A or 5dgt)	
Accuracy		Accuracy DC + accuracy AC	
<b>Currents AC + DC (TRMS AC+DC)</b>			
Accuracy			
<b>Voltages AC TRMS et TRMS AC+DC</b>		50Hz to 500Hz	
Bandwidth		100V and 1000V	
Range		10mV to 100mV	
Resolution		±(1% + 5dgt)	
Accuracy TRMS AC		±(1,7% + 7dgt)	
Accuracy TRMS AC + DC		3,5MΩ // 100pF	
Impedance			
<b>Voltages DC</b>		100V and 1000V	
Range		10mV to 100mV	
Resolution		±(0,7% + 2dgt)	
Accuracy		3,5MΩ // 100pF	
Impedance			
<b>Resistances</b>		1000Ω, 10kΩ, 100kΩ	
Range		0,1Ω to 10Ω	
Resolution		±(1% + 5dgt)	
Accuracy			
<b>Continuity</b>		with buzzer for R<30Ω	
		and response time of 100ms	
<b>Diode test</b>		yes	
<b>Capacity</b>			
Range		4μF to 4000μF	
Resolution		1nF to 1μF	
Accuracy		±(1,9% + 8dgt)	
<b>Peak-Hold (voltage and current)</b>			
Accuracy		±(5dgt)	
<b>Motor start current (Inrush)</b>			
Range		100A, 600A	
Precision		±(2,5% + 0,2A or 5dgt)	
<b>Active power</b>			
Range		10kW, 100kW and 1000kW	
Resolution		1W to 100W	
Accuracy		Current accuracy + voltage accuracy	
<b>Power factor (PF)</b>			
Range		-1.00 to 1.00	
Resolution		0,01	
Precision		±3°+1dgt	
<b>Total harmonic distortion (THD) and distortion per harmonic</b>			
Range		0,1% to 100%	
Resolution		0,10%	
Accuracy THD		±(3% + 10dgt)	
Accuracy per harmonics of H01 to H12		±(5% + 10dgt)	
Accuracy per harmonics of H13 to H25		±(10% + 10dgt)	
<b>Frequencies</b>			
Range		20Hz to 10kHz	
Resolution		0,01Hz	
Accuracy		±(0,5% + 3dgt)	
Sensitivity		10% to 100% of current and voltage scaling	
<b>Temperature</b>			
Range		-50°C to 399,9°C and 400°C to 1000°C	
Accuracy		±(1% + 3°C) or ±(1% + 6°F)	
Functions		Hold, MIN/MAX/MOY, Peak-Hold, automatic power-off, Voltage detector without contact, Low pass filter (HFR)	
<b>Datalogger</b>			
Memory		9999 measurements	
<b>Main specifications</b>			
Digital display		Large backlight LCD screen with bargraph	
Display		10000 dots or 4000 dots	
Jaws opening		45mm	
Diameter max of conductor		40mm	
Measurement rate		3 measurement/s	
Automatic power-off		after 15 minutes	
Temperature		0°C to 50°C	
Storage temperature		-20°C to 60°C	
Protection		Electronic on all scales	
Safety		600V - CAT IV and 1000V - CAT III	
Power supply		6 piles 1,5V - AAA	
Power life		50h typical (battery, without backlight)	
Dimensions		103 x 258 x 55mm	
Weight		600g	
Warranty		1 year	

Supplied with : bag, test leads with touch points, user's guide, batteries.



FTMW3536BF A00 - Specifications can be updated without notice

# Sefram



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## For assistance and ordering

