

# Sefram

# MW 3515F

**Power clamp 600A - 600kW**

**Make sure to visit  
our Website**

<http://www.sefram.fr>

## Innovative features for all your measurements

### Capabilities :

- Measure up to 600A AC TRMS AC
- Measure up to **3000A AC with Flex (option)**
- Measure up to 1000V AC, DC and TRMS AC+DC
- Power, PF, THD and harmonics (1 to 25) measurement
- Frequency and capacitance measurement
- Phase sequence testing
- Inrush current measurement
- Resistance, continuity and diode test
- Torch lightning during cable clamping
- Non contact voltage detector
- Panoramic LCD with active backlight and bargraph
- Innovative navigator for function selection

**NEW**



Specifications	MW 3515F	MW 3515F	
<b>AC Currents TRMS AC</b>		<b>Power factor (PF)</b>	
Bandwidth	50Hz to 400Hz	Ranges	
Ranges	600A		-1.00 to 1.00
Resolution	0,01A	Resolution	0,01
Accuracy	±(1,5% + 5dgt)	Accuracy	±3°+1dgt
<b>AC TRMS and TRMS AC+DC Voltages</b>		<b>Total Harmonic Distortion (THD) and distortion per harmonic</b>	
Bandwidth	50Hz to 500Hz	Ranges	0,1% to 100%
Ranges	100V and 1000V	Resolution	0,10%
Resolution	10mV to 100mV	Accuracy THD	±(3% + 10dgt)
Accuracy TRMS AC	±(1% + 5dgt)	Accuracy per harmonic	
Accuracy TRMS AC + DC	±(1,7% + 7dgt)	- from H01 to H12	±(5% + 10dgt)
Impedance	3,5MΩ // 100pF	- from H13 to H25	±(10% + 10dgt)
<b>DC voltages</b>		<b>Frequency</b>	
Ranges	100V and 1000V	Ranges	20Hz to 10kHz
Resolution	10mV to 100mV	Resolution	0,01Hz
Accuracy	±(0,7% + 2dgt)	Accuracy	±(0,5% + 3dgt)
Impedance	3,5MΩ // 100pF	Sensitivity	10% to 100% of the range in current or voltage
<b>Resistance</b>		Functions	Hold, MIN/MAX, Peak-Hold, APO (auto power-off) Non contact detector, Low-pass filter
Ranges	1000Ω, 10kΩ, 100kΩ	<b>General specifications</b>	
Resolution	0,1Ω to 10Ω	Display	LCD with active backlight 10000 counts or 4000 counts
Accuracy	±(1% + 3dgt)	Jaws opening	45mm
<b>Continuity</b>	with buzzer for R<30Ω (response time 100ms)	Maximum conductor size	37mm
<b>Diode test</b>	yes	Measurement rate	3 meas./s
<b>Capacitance</b>		Auto Power-off (APO)	after 15 minutes
Ranges	4μF to 4000μF	Operating temperature	0°C to 50°C
Resolution	1nF to 1μF	Storage temperature	-20°C to 60°C
Accuracy	±(1,9% + 8dgt)	Protection	electronic for all ranges
<b>Peak-Hold (voltage and current)</b>		Safety	600V - CAT IV and 1000V - CAT III
Accuracy	±(3% + 15dgt)	Power supply	1 battery 9V - 6F22
<b>Inrush current</b>		Autonomy	50h typ. (with alkaline and backlight off)
Ranges	100A, 600A	Dimensions	88 x 242 x 51mm
Accuracy	±(2,5% + 0,2A or 5dgt)	Weight	435g
<b>Active power</b>		Warranty	1 year
Ranges	10kW, 100kW and 600kW		
Resolution	1W to 100W		
Accuracy	Accuracy for current + Accuracy for voltage		

**Supplied with :** a pouch, a set of safety test leads, a user manual.  
**Flex clamp (optional) :** SP295, SP296.

FTMW3515 A 001 - Specifications can be updated without notice



**For assistance and ordering**



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