

Sefram

MW 3525F

**Make sure to visit
our Website**

<http://www.sefram.fr>

Power clamp 600A TRMS AC+DC - 600kW

Innovative features for all your measurements

Capabilities :

- Measure up to **600A AC, DC and TRMS AC+DC**
- 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 3525F	MW 3525F
AC Currents TRMS AC+DC		TRMS AC + DC	Resolution 1W to 100W
Bandwidth		50Hz to 400Hz	Accuracy Accuracy for current + Accuracy for voltage
Ranges		600A	Power factor (PF)
Resolution		0,01A	Ranges -1.00 to 1.00
Accuracy		±(1,5% + 5dgt)	Resolution 0,01
DC Currents			Accuracy ±3°+1dgt
Ranges		100A, 600A	Total Harmonic Distortion (THD) and distortion per harmonic
Resolution		0,01A	Ranges 0,1% to 100%
Accuracy		±(1,5% + 0,2A or 5dgt)	Resolution 0,10%
AC TRMS and TRMS AC+DC Voltages			Accuracy THD ±(3% + 10dgt)
Bandwidth		50Hz to 500Hz	Accuracy per harmonic
Ranges		100V and 1000V	- from H01 to H12 ±(5% + 10dgt)
Resolution		10mV to 100mV	- from H13 to H25 ±(10% + 10dgt)
Accuracy TRMS AC		±(1% + 5dgt)	Frequency
Accuracy TRMS AC + DC		±(1,7% + 7dgt)	Ranges 20Hz to 10kHz
Impedance		3,5MΩ // 100pF	Resolution 0,01Hz
DC voltages			Accuracy ±(0,5% + 3dgt)
Ranges		100V and 1000V	Sensitivity 10% to 100% of the range in current or voltage
Resolution		10mV to 100mV	Functions Hold, MIN/MAX, Peak-Hold, APO (auto power-off)
Accuracy		±(0,7% + 2dgt)	Non contact detector, Low-pass filter
Impedance		3,5MΩ // 100pF	
Resistance			General specifications
Ranges		1000Ω, 10kΩ, 100kΩ	Display LCD with active backlight
Resolution		0,1Ω to 10Ω	10000 counts or 4000 counts
Accuracy		±(1% + 3dgt)	Jaws opening 45mm
Continuity			Maximum conductor size 37mm
		with buzzer for R<30Ω (response time 100ms)	Measurement rate 3 meas./s
		yes	Auto Power-off (APO) after 15 minutes
Diode test			Operating temperature 0°C to 50°C
Capacitance			Storage temperature -20°C to 60°C
Ranges		4μF to 4000μF	Protection electronic for all ranges
Resolution		1nF to 1μF	Safety 600V - CAT IV and 1000V - CAT III
Accuracy		±(1,9% + 8dgt)	Power supply 1 battery 9V - 6F22
Peak-Hold (voltage and current)			Autonomy 50h typ. (with alkaline and backlight off)
Accuracy		±(3% + 15dgt)	Dimensions 88 x 242 x 51mm
Inrush current			Weight 435g
Ranges		100A, 600A	Warranty 1 year
Accuracy		±(2,5% + 0,2A or 5dgt)	
Active power			
Ranges		10kW, 100kW and 600kW	

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



FTMW3525 A 01 - Specifications can be updated without notice

For assistance and ordering

Sefram



32, rue Edouard Martel - BP55- 42009 - St Etienne - cedex 2
Tél. +33 (0) 4.77.59.01.01
Fax. +33 (0) 4.77.57.23.23
Web : www.sefram.fr - e-mail : sales@sefram.fr