

Sefram

MW 3525F

Power clamp 600A TRMS AC+DC - 600kW

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

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

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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

For assistance and ordering

