

Sefram

MW 3535F

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<http://www.sefram.fr>

Power clamp 1000A TRMS AC+DC - 1000kW

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
- **Temperature measurement (K type)**
- Torch lightning during cable clamping
- Non contact voltage detector
- Panoramic LCD with active backlight and bargraph
- Innovative navigator for function selection

NEW



Specifications		MW 3535F	MW 3535F
AC Currents TRMS AC + DC		Accuracy	Accuracy for current + Accuracy for voltage
Bandwidth	50Hz to 400Hz	Power factor (PF)	
Gamme	100A, 1000A	Ranges	-1.00 to 1.00
Resolution	0,01A	Resolution	0,01
Precision	±(1,5% + 5dgt)	Accuracy	±3°+1dgt
DC Currents		Total Harmonic Distortion (THD) and distortion per harmonic	
Ranges	100A, 600A	Ranges	0,1% to 100%
Resolution	0,01A	Resolution	0,10%
Accuracy	±(1,5% + 0,2A or 5dgt)	Accuracy THD	±(3% + 10dgt)
AC TRMS and TRMS AC+DC Voltages		Accuracy per harmonic	
Bandwidth	50Hz to 500Hz	- from H01 to H12	±(5% + 10dgt)
Ranges	100V and 1000V	- from H13 to H25	±(10% + 10dgt)
Resolution	10mV to 100mV	Frequency	
Accuracy TRMS AC	±(1% + 5dgt)	Ranges	20Hz to 10kHz
Accuracy TRMS AC + DC	±(1,7% + 7dgt)	Resolution	0,01Hz
Impedance	3,5MΩ // 100pF	Accuracy	±(0,5% + 3dgt)
DC voltages		Sensitivity	10% to 100% of the range in current or voltage
Ranges	100V and 1000V	Temperature (K type) - Display °C or °F	
Resolution	10mV to 100mV	Ranges	-50°C to 1000°C
Accuracy	±(0,7% + 2dgt)	Resolution	0,1°C or 1°C
Impedance	3,5MΩ // 100pF	Accuracy	±(1% + 1°C)
Resistance		Functions	Hold, MIN/MAX,Peak-Hold, APO (auto power-off) Non contact detector, Low-pass filter
Ranges	1000Ω, 10kΩ, 100kΩ	General specifications	
Resolution	0,1Ω to 10Ω	Display	LCD with active backlight
Accuracy	±(1% + 3dgt)		10000 counts or 4000 counts
Continuity		Jaws opening	45mm
Diode test	yes	Maximum conductor size	42mm
Capacitance		Measurement rate	3 meas./s
Ranges	4μF to 4000μF	Auto Power-off (APO)	after 15 minutes
Resolution	1nF to 1μF	Operating temperature	0°C to 50°C
Accuracy	±(1,9% + 8dgt)	Storage temperature	-20°C to 60°C
Peak-Hold (voltage and current)		Protection	electronic for all ranges
Accuracy	±(3% + 15dgt)	Safety	600V - CAT IV and 1000V - CAT III
Inrush current		Power supply	1 battery 9V - 6F22
Ranges	100A, 600A	Autonomy	50h typ. (with alkaline and backlight off)
Accuracy	±(2,5% + 0,2A or 5dgt)	Dimensions	88 x 257 x 51mm
Active power		Weight	470g
Ranges	10kW, 100kW and 600kW	Warranty	1 year
Resolution	1W to 100W		

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

FTMW3525 A 01 - Specifications can be updated without notice

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