

IW 3535F

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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 backligt and bargraph
- Innovative navigator for funtion selection



Specifications	MW 3535F	
Specifications		A
AC Currents TRMS AC + Do		Accurac
Bandwidth	50Hz to 400Hz	Power
Gamme Básalutian	100A, 1000A 0.01A	Ranges
Résolution		Resoluti
Précision	±(1,5% + 5dgt)	Accurac
DC Currents	100A, 600A	Total Ha
Ranges		Ranges
Resolution	0,01A	Resoluti
Accuracy	±(1,5% + 0,2A or 5dgt)	Accuracy
AC TRMS and TRMS AC+DO	voltages	Accurac
Bandwidth	50Hz to 500Hz	- fron
Ranges	100V and 1000V	- fron
Resolution	10mV to 100mV	Freque
Accuracy TRMS AC	±(1% + 5dgt) ±(1,7% + 7dgt)	Ranges
Accuracy TRMS AC + DC	±(1,/% + /dgt)	Resoluti
Impedance	3,5MΩ // 100pF	Accurac
DC voltages	1001/	Sensitivi
Ranges	100V and 1000V	Temper
Resolution	10mV to 100mV	Ranges
Accuracy	±(0,7% + 2dgt)	Resoluti
Impedance	3,5MΩ // 100pF	Accurac
Resistance		Function
Ranges	1000Ω, 10kΩ, 100kΩ	
Resolution	0,1Ω to 10Ω	
Accuracy	±(1% + 3dgt)	General
Continuity	with buzzer for R<30Ω	Display
	(response time 100ms)	
Diode test	yes	Jaws op
Capacitance		Maximur
Ranges	4μF to 4000μF	Measure
Resolution	1nF to 1µF	Auto Po
Accuracy	±(1,9% + 8dgt)	Operatir
Peak-Hold (voltage and o		Storage
Accuracy	$\pm (3\% + 15 dgt)$	Protecti
Inrush current		Safety
Ranges	100A, 600A	Power s
Accuracy	±(2.5% + 0.2A or 5dgt)	Autonor
	±(2,5% ± 0,2A 01 3ugt)	
Active power	, , , , , , , , , , , , , , , , , , , ,	
Active power Ranges	10kW, 100kW and 600kW 1W to 100W	Dimensi Weight

	MW 3535F	
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 distorsion per harmonic		
Ranges	0,1% to 100%	
Resolution	0,10%	
Accuracy THD	±(3% + 10dgt)	
Accuracy per harmonic - from H01 to H12	(F0/ 40det)	
- from H01 to H12 - from H13 to H25	±(5% + 10dgt)	
Frequency	±(10% + 10dgt)	
	20112 to 40k112	
Ranges	20Hz to 10kHz	
Resolution	0,01Hz	
Accuracy	±(0,5% + 3dgt)	
Sensitivity	10% to 100% of the range in current or voltage	
Temperature (K type) -		
Ranges	-50°C to 1000°C	
Resolution	0,1°C or 1°C	
Accuracy	±(1% + 1°C)	
Functions	Hold, MIN/MAX,Peak-Hold, APO (auto power-off)	
	Non contact detector, Low-pass filter	

		Non contact actector, Low pass miter
_	General specifications	
	Display	LCD with active backlight
		10000 counts or 4000 counts
	Jaws opening	45mm
	Maximum conductor size	42mm
	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 257 x 51mm
_	Weight	470g
	Warrantv	1 vear

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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For assistance and ordering