



MW3515

Power clamp 600A - 600kW

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our Website**

<http://www.sefram.fr>

Innovative features for all your measurements

Capabilities :

- Measure up to 600A AC TRMS AC
- 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

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2011**



Specifications		MW3515	MW3515	
AC Currents TRMS AC				
Bandwidth		50Hz to 400Hz	Power factor (PF)	
Ranges		600A	Ranges	-1.00 to 1.00
Resolution		0,01A	Resolution	0,01
Accuracy		±(1,5% + 5dgt)	Accuracy	±3°+1dgt
AC TRMS and TRMS AC+DC Voltages				
Bandwidth		50Hz to 500Hz	Total Harmonic Distortion (THD) and distortion per harmonic	
Ranges		100V and 1000V	Ranges	0,1% to 100%
Resolution		10mV to 100mV	Resolution	0,10%
Accuracy TRMS AC		±(1% + 5dgt)	Accuracy THD	±(3% + 10dgt)
Accuracy TRMS AC + DC		±(1,7% + 7dgt)	Accuracy per harmonic	
Impedance		3,5MΩ // 100pF	- from H01 to H12	±(5% + 10dgt)
DC voltages				
Ranges		100V and 1000V	- from H13 to H25	±(10% + 10dgt)
Resolution		10mV to 100mV	Frequency	
Accuracy		±(0,7% + 2dgt)	Ranges	20Hz to 10kHz
Impedance		3,5MΩ // 100pF	Resolution	0,01Hz
Resistance				
Ranges		1000Ω, 10kΩ, 100kΩ	Accuracy	±(0,5% + 3dgt)
Resolution		0,1Ω to 10Ω	Sensitivity	10% to 100% of the range in current or voltage
Accuracy		±(1% + 3dgt)	Functions	Hold, MIN/MAX, Peak-Hold, APO (auto power-off) Non contact detector, Low-pass filter
Continuity				
		with buzzer for R<30Ω (response time 100ms)	General specifications	
Diode test				
		yes	Display	LCD with active backlight 10000 counts or 4000 counts
Capacitance				
Ranges		4μF to 4000μF	Jaws opening	45mm
Resolution		1nF to 1μF	Maximum conductor size	37mm
Accuracy		±(1,9% + 8dgt)	Measurement rate	3 meas./s
Peak-Hold (voltage and current)				
Accuracy		±(3% + 15dgt)	Auto Power-off (APO)	after 15 minutes
Inrush current				
Ranges		100A, 600A	Operating temperature	0°C to 50°C
Accuracy		±(2,5% + 0,2A or 5dgt)	Storage temperature	-20°C to 60°C
Active power				
Ranges		10kW, 100kW and 600kW	Protection	electronic for all ranges
Resolution		1W to 100W	Safety	600V - CAT IV and 1000V - CAT III
Accuracy		Accuracy for current + Accuracy for voltage	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

FTMW3515 A 00 - Specifications can be updated without notice



32, rue Edouard Martel • B.P. 55 • 42009 - St Etienne cedex 2

0.15€ TTC/mn **0 825 56 50 50**

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MW3525

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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 **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

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Specifications		MW3525	MW3525
AC Currents TRMS AC+DC TRMS AC + DC			
Bandwidth		50Hz to 400Hz	1W to 100W
Ranges		600A	Accuracy for current + Accuracy for voltage
Resolution		0,01A	Power factor (PF)
Accuracy		±(1,5% + 5dgt)	Ranges
DC Currents			Resolution
Ranges		100A, 600A	Accuracy
Resolution		0,01A	Accuracy
Accuracy		±(1,5% + 0,2A or 5dgt)	Total Harmonic Distortion (THD) and distortion per harmonic
AC TRMS and TRMS AC+DC Voltages			Ranges
Bandwidth		50Hz to 500Hz	Resolution
Ranges		100V and 1000V	Accuracy THD
Resolution		10mV to 100mV	Accuracy per harmonic
Accuracy TRMS AC		±(1% + 5dgt)	- from H01 to H12
Accuracy TRMS AC + DC		±(1,7% + 7dgt)	- from H13 to H25
Impedance		3,5MΩ // 100pF	Frequency
DC voltages			Ranges
Ranges		100V and 1000V	Resolution
Resolution		10mV to 100mV	Accuracy
Accuracy		±(0,7% + 2dgt)	Sensitivity
Impedance		3,5MΩ // 100pF	Functions
Resistance			
Ranges		1000Ω, 10kΩ, 100kΩ	General specifications
Resolution		0,1Ω to 10Ω	Display
Accuracy		±(1% + 3dgt)	Jaws opening
Continuity			Maximum conductor size
		with buzzer for R<30Ω (response time 100ms)	Measurement rate
Diode test			Auto Power-off (APO)
		yes	Operating temperature
Capacitance			Storage temperature
Ranges		4μF to 4000μF	Protection
Resolution		1nF to 1μF	Safety
Accuracy		±(1,9% + 8dgt)	Power supply
Peak-Hold (voltage and current)			Autonomy
Accuracy		±(3% + 15dgt)	Dimensions
Inrush current			Weight
Ranges		100A, 600A	Warranty
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

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MW3535

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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 **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

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Specifications		MW3535	MW3535
AC Currents TRMS AC + DC			
Bandwidth		50Hz to 400Hz	
Gamme		100A, 1000A	
Résolution		0,01A	
Précision		±(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
Temperature (K type) - Display °C or °F			
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
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
Warranty			1 year

Supplied with : a pouch, a set of safety test leads, a general purpose K thermocouple, a user manual

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