Sefram

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 backligt and bargraph
- Innovative navigator for funtion selection

Specifications	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 distorsion 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

CE

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

FTMW3525 A 00- Specifications can be updated without notice

For assistance and ordering

Sefram
INSTRUMENTS & SYSTEMES

AFAQ ISO 9001 AFAQ N°1997/7001

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