

## Power measurement in 3 phases systems

### Capabilities

- Mesure des courants jusqu'à 600A (TRMS AC+DC)
- Mesure de tensions TRMS AC+DC jusqu'à 1000V
- Mesure de puissance, PF et THD
- Mesure de fréquence
- Mesure de température
- Indication du sens de rotation des phases

### Specifications

<b>AC TRMS current</b>	
Bandwidth	45Hz to 500Hz
Range	600A
Resolution	0,1A
Accuracy	±(1,5% + 5dgt)
<b>DC current</b>	
Range	600A
Resolution	0,1A
Accuracy	±(1,5% + 5dgt)
<b>AC TRMS voltage</b>	
Bandwidth	45Hz to 500Hz
Ranges	60V, 600V et 1000V
Resolution	10mV to 1V
Accuracy	±(1% + 5dgt)
Impedance	3MΩ
<b>DC voltage</b>	
Ranges	60V, 600V and 1000V
Resolution	10mV à 1V
Accuracy	±(1% + 5dgt)
Impedance	3MΩ
<b>Resistances</b>	
Range	600Ω, 6kΩ, 20kΩ
Resolution	0,1Ω to 10Ω
Accuracy	±(1% + 5dgt)
Continuity	with buzzer for R<30Ω
Diode test	yes
<b>Active power</b>	
Ranges	4kW to 600kW
Resolution	1W to 100W
Accuracy	Voltage accuracy + current accuracy
<b>Power factor (PF)</b>	
Range	-1.00 to 1.00
Resolution	0,01
Accuracy	±3°

### Specifications

#### Total Harmonic Distortion (THD)

Range	0,1% to 100%
Resolution	0,10%
Accuracy	±(3% + 10dgt)

#### Temperature (K) - unit °C or °F

Range	-50°C to 1000°C
Resolution	0,1°C or 1°C
Accuracy	±(1% + 3°C)

#### Frequency

Range	20Hz to 4kHz
Resolution	0,1Hz
Accuracy	±(1% + 5dgt)

#### Functions

Hold, MIN/MAX, Peak Hold, auto power-off  
Inrush current measurement

#### general specification

Display	LCD, with backlight
Display count	3 digit 3/4, 6000 counts
Jaw opening	45mm
Measurement rate	3 meas./s
Auto power-off	after 10 mn
Operating temperature range	0°C to 50°C
Storage temperature range	-20°C to 60°C
Protection	electronic
Safety	600V - CAT III
Power supply	1 x 9V - 6F22
Autonomy	50h typical (with alkaline)
Dimensions	78 x 51 x 235mm
Weight	380g

**Supplied with** : carrying pouch, a test leads set, one thermocouple adaptor (ST306), one general purpose K thermocouple (ST305)



**TRMS AC+DC**

**MW3398**



Specifications subject to change without notice - FTMW3398 A 00

**Sefram**

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