

HVAC Trms Clamp Meter

MODEL: TES-3079

Features

- Check current draw in motors and compressors.
- Use MAX/MIN/Recording in the temperature mode to assess efficiency.
- Test run/start capacitors.
- Confirm low voltage control signals.
- 3-3/4 Digital LCD with Bar-graph
- Measure flame safeguard device current draw.
- Confirm power sources
- Analyze temperature and power data with the aid of the time stamp.



#135-TES-3079

Specifications

Phase Angle

Range	Resolution	Accuracy	Overload Protection
50Hz/60KHz	0.1°	±2.0°	ACV>100V, ACA>10A

Temperature (K-Type thermocouple)

Range	Resolution	Accuracy	Overload Protection
-40°C to 537.7°C	0.1°C	±0.5±1°C	30VAC or 60VDC
-40°F to 999.9°F	0.1°F	±0.5% ±2°F	

Resistance (Continuity <40Ω on the 999.9Ω range)

Range	Resolution	Accuracy	Overload Protection
999.9Ω	100mΩ	±1% ± 3dgt	600V
9.999KΩ	1Ω	±1% ± 2dgt	
99.99KΩ	10Ω		
999.9KΩ	100Ω		
9.999MΩ	1KΩ		
99.99MΩ	10KΩ		

Frequency

Range	Resolution	Accuracy	Overload Protection
40Hz/1KHz	0.1Hz	±0.5%rdg±2dgt	ACV>1V,ACA>5A

Accessories

Carrying case, instruction manual, batteries, test probe, temperature probe.

AC Current (50Hz to 400Hz) : Trm s

Range	Resolution	Accuracy	Overload Protection
99.99A	10mA	±3% ± 5dpts	1000A
999.99A	100mA	±2% ± 5dpts	

DC µA

Range	Resolution	Accuracy	Overload Protection
99.99µA	10nA	±1% ± 2dpts	600V
999.99µA	100nA		

Capacitance

Range	Resolution	Accuracy	Overload Protection
0.999µF	1nF	±1.5% ± 5dpts	600V
9.99µF	10nF		
99.9µF	100nF		
999µF	1µF	±2.5% ± 15dpts	
9999µF	1µF	±15% ± 100dpts	

Apparent Power

Range	Resolution	Accuracy	Overload Protection
99.99KVA	10VA	±2.5rdg ± 5dpts	600VAC/1000AAC
600.0KVA	100VA		

DC Voltage

Range	Resolution	Accuracy	Overload Protection
999.9mV	0.1mV	±0.5% ± 2dpts	600V
9.999V	1mV		
99.99V	10mV		
600.0V	100M		

AC Voltage (50Hz to 400Hz) : Trm s

Range	Resolution	Accuracy	Overload Protection
999.9mV	0.1mV	±0.5% ± 1dgt	600V
9.999V	1mV		
99.99V	10mV		
600.0V	100mV		