



Reliable in Quality

پتروفرهان گستر جنوب

Tehran, Tehransar



TES-3910 Trms Clamp Meter (DC/AC 1000A)

FEATURES

- Variable-frequency drive (VFD) V & Hz measurement
- Lo-Z voltage measurement to drain ghost voltages
- Check 3φ phase sequence
- True RMS reading on AC and DC+AC mode
- Inrush current measurement
- μA measurement for HVAC flame sensors
- mV measurement range to interface with other accessories
- Crest Factor & Harmonic ratio measurement
- Data hold, Auto hold & Peak hold mode
- Max/Min/Avg record mode
- Data memory & read function

GENERAL SPECIFICATIONS

Max Wire Diameter : 30mm

Category : CAT III 1000V, CAT IV 600V

Accessories : Instruction Manual, Battery, Carrying case & Test Lead

Weight/Size : 236(L)x80(W)x39(T)mm/326g

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ELECTRICAL SPECIFICATIONS

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AC Current (40Hz to 400Hz) : Trms

Range	Resolution	Accuracy	Sensitivity	Overload Protection
99.99A	10mA	± 2% ± 20dpts (40 to 400Hz)	0.10A	1000A
999.9A	100mA		1.0A	

DC Current

Range	Resolution	Accuracy	Sensitivity	Overload Protection
99.99A	10mA	± 2% ± 20dpts	0.10A	1000A
999.9A	100mA		1.0A	

ACA Inrush Current

Range	Resolution	Sensitivity	Measurement Time	Overload Protection
99.99A	0.01A	>5A	100mS	1000AAC
999.9A	0.1A	>50A		

μA Trms : (AC+DC) (Burden Voltage : 5mV/μA)

Range	Resolution	Accuracy	Sensitivity	Overload Protection
99.99μA	10nA	± 1% ± 20dpts	0.20μA	1000V
999.9μA	100nA		2.0μA	

AC Voltage (50Hz to 400Hz) : Trms

Range	Resolution	Accuracy	Sensitivity	Overload Protection
999.9mV	0.1mV	± 1% ± 20dpts (50, 60Hz)	2.0mV	1000V
9.999V	1mV		0.020V	
99.99V	10mV	± 2% ± 20dpts (40 to 400Hz)	0.20V	
999.9V	100mV		2V	

DC Voltage

Range	Resolution	Accuracy	Sensitivity	Overload Protection
999.9mV	0.1mV	± 1.0% ± 20dpts	2.0mV	1000V
9.999V	1mV		0.020V	
99.99V	10mV		0.20V	
999.9V	100mV		2V	

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

Range	Resolution	Accuracy	Overload Protection
999.9Ω	100mΩ	± 1% ± 10dpts	1000V
9.999KΩ	1Ω		
99.99KΩ	10Ω		
999.9KΩ	100Ω		

3φ Phase sequence indication

Range	Frequency Response	Overload Protection
80V to 480V	50Hz / 60Hz	1000V

Diode (Continuity<40mV)

Range	Resolution	Accuracy	Overload Protection
3.000V	1mV	± 2% ± 1dgt	1000V

Frequency

Range	Resolution	Accuracy	Sensitivity
40Hz/1KHz	0.1Hz	± 0.5%rdg ± 2dpts	ACV>1.2V, ACA>6A

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