

TES-3600 3P4W POWER ANALYZER



FEATURES

- 10 Display Easy - to - View LCD Screen.
- Connectors for 4 Current Sensing Clamps.
- 1P2W, 1P3W, 3P3W2M & 3P4W Power Measurement.
- True RMS Sensing.
- Power KW, KVAR, KVA, PF, θ ,Hz, & Energy KWh, KVARh & KVAh Measurement.
- Phase sequency indicator function.
- Backlight display function.
- Manual Data Memory and Read (99 sets).
- Data Logging (512KB Memory, 20,000 sets)
- Programmable Trigger - Points and Start / Stop Time.
- RS-232 Optical Interface with three phase voltage / current
- Waveform display and Harmonic analysis.
- Easy - to - use Push - Button Operation.
- Light Weight, Portable Design.



SPECIFICATION

Voltage Measurement (V)

Ranges	Method	Accuracy	Input impedance
600.0V	True RMS	$\pm 0.5\% \text{rdg} \pm 10 \text{dgts}$ ($>30\text{V}$)	2M Ω

Current Measurement (A)

Ranges	Method	Accuracy
250A 、 500A 、 1000A	True RMS	$\pm 0.5\% \text{rdg} \pm 10 \text{dgts} + \text{clamp on sensor specifications}$

Active Power Measurement (KW)

Ranges	Accuracy	Effect of power factor
600.0KW	$\pm 0.5\% \text{rdg} \pm 10 \text{dgts} + \text{clamp on sensor specifications}$	$\pm 0.1\% \text{rdg}$

Reactive Power Measurement (KVAR)

Ranges	Accuracy	Effect of power factor
600.0KVAR	$\pm 0.5\% \text{rdg} \pm 10 \text{dgts} + \text{clamp on sensor}$	$\pm 0.1\% \text{rdg}$

	specifications	
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Apparent Power Measurement (KVA)

Ranges	Accuracy
600.0KVA	$\pm 0.5\%rdg \pm 10dgt$ +clamp on sensor specifications

Power Integration Measurement

Power Integration	Resolution	Accuracy
0.0KWh to 9999MWh	0.1KWh	$\pm 0.5\%rdg \pm 10dgt$ +clamp on sensor specifications
0.0Kvarh to 9999Mvarh	0.1Kvarh	
0.0KVAh to 9999MVAh	0.1KVAh	

Power Factor Measurement

Ranges	Accuracy	Polarity display
-1.000(lead) to 0.000 to + 1.000 (lag)	$\pm 1dgt$ for each calculation from measured values	When the current lags the voltage unsigned ; when the current leads the voltage : "-".

Frequency Measurement

Ranges	Measurement source	Accuracy
40Hz to 100Hz	Voltage U1	$\pm 0.5\%rdg \pm 1dgt$

General Specifications

Size	235(L)x116(W)x54(H)mm (9.3"Lx4.6"Wx2.1"H)
Operating Temperature and Humidity	0 °C to 50 °C (32 °F to 122 °F) R.H. < 80% non-condensing
Storage Temperature and Humidity	- 10 °C to 60 °C (14 °F to 140 °F) R.H. < 70% non-condensing
Accessories	Instruction manual , Software CD Rom / Optical RS-232 interface , Deluxe carrying case , Battery ("AA" 1.5V ' 8pcs) , AC adaptor (110V -> 12V ; 220V -> 12V) , 4pcs current clamp transducer (1, 2, 3, 4 cable length 3 meters) (1000A AC, jaw opening 40mm) , 4pcs crocodiles test leads (blue, yellow, red, black, wire length 3 meters)