

TES-3600 3P4W POWER ANALYZER



Product 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 (504KB 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.

Voltage Measurement (V)

Ranges	Method	Accuracy	Input impedance
999.9V	True RMS	$\pm 0.5\%rdg \pm 10dpts$ ($>30V$)	2M Ω

Current Measurement (A)

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

Active Power Measurement (KW)

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

Reactive Power Measurement (KVAR)

Ranges	Accuracy	Effect of power factor
600.0KVAR	$\pm 0.5\%rdg \pm 10dpts+clamp$ on sensor specifications	$\pm 0.1\%rdg$

Apparent Power Measurement (KVA)

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

Power Integration Measurement

Power Integration	Resolution	Accuracy
0.0KWh to 9999MWh	0.1KWh	$\pm 0.5\%rdg \pm 10dpts+clamp$ 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 $^{\circ}C$ to 50 $^{\circ}C$ (32 $^{\circ}F$ to 122 $^{\circ}F$) R.H. < 80% non-condensing
Storage Temperature and Humidity	- 10 $^{\circ}C$ to 60 $^{\circ}C$ (14 $^{\circ}F$ to 140 $^{\circ}F$) 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)