

TES-3600N 3P4W POWER ANALYZER



Product Features

- 10 Display Easy - to - View LCD Screen.
- Connectors for 4 Current Sensing Clamps.
- 1P2W, 1P3W, 3P3W2M, 3P3W3M & 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 (50 sets).
- Data Logging
- USB Optical Interface with three phase voltage / current Waveform display and Harmonic analysis.
- Easy - to - use Push - Button Operation.
- Light Weight, Portable Design.

Specification Application Download

ELECTRICAL SPECIFICATIONS (23°C±5°C) :

□ Voltage Measurement (V) :

Range	Resolution	Accuracy	Input impedance	Overload protection	Nominal power system frequency
999.9V	0.1V	±(0.3%rdg±10dgt) (>10V)	2MΩ	1000Vrms	45Hz ~ 66Hz

□ AC Current Trms Measurement (A) Autoranging :

Range	Resolution	Accuracy(including current probe)	Current probe output	Overload protection	Nominal power system frequency
999.9A	0.1A	±(0.5%rdg±15dgt) (>10A)	0.35mV/A	1000Arms	45Hz ~ 66Hz

□ Active Power measurement P (KW) :

Range	Resolution	Accuracy
999.9KW	0.1KW	±1.0%rdg±20dgt

□ Apparent Power measurement S (KVA) :

Range	Resolution	Accuracy
999.9KVA	0.1KVA	±1.0%rdg±20dgt

□ Reactive Power measurement Q (KVAR) :

Range	Resolution	Accuracy
999.9KVAR	0.1KVAR	±1.0%rdg±20dgt

□ Power Factor measurement (COSØ) :

Range	Resolution	Calculated Accuracy
-1 ~ +1	0.001	±10dgt

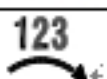
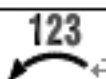
□ Phase angle measurement (Ø) :

Range	Resolution	Calculated Accuracy
+180°~ 0°~ -180°	0.1°	±15dgt

□ Frequency measurement (Hz) :

Range	Resolution	Accuracy	Measurement source
60HZ	0.1Hz	±0.1%rdg±2dgt	Voltage U1 > 10V

□ Three Phase Sequency Detection :

Input voltage range	Normal phase indication	Reverse phase indication	Measurement source
3P > 10V			U1, U2 and U3

□ Power Energy measurement (Wh, VAh, varh) :

Range	Resolution	Active power accuracy	Timer interval	Timer Accuracy
9.999K	0.001K	Wh : ±1.0%rdg±20dgt VAh : ±1.0%rdg±20dgt varh : ±1.0%rdg±20dgt	1 sec	±50ppm (25°C, 77°F)
99.99K	0.01K			
999.9K	0.1K			
9.999M	0.001M			
30.59M	0.01M			

□ Harmonic measurement (use only PC on line analyzer) :

Order	Accuracy	Harmonic Source
1 ~ 63	±3%THD	U1, U2, U3 > 10V I1, I2, I3 > 10A

□ Waveform (use only PC on line displayed).

Select Phase A, B or C.

Select the Voltage and current waveform outputs.

General Specifications :

Size	235(L)x116(W)x54(H)mm (9.3"Lx4.6"Wx2.1"H)
Operating Temperature and Humidity	0°Cto 40°C (32°F to 104°F) R.H. < 80% non-condensing
Storage Temperature and Humidity	-10°Cto 60°C (14°Fto 140°F) R.H. < 70% non-condensing
Accessories	© Instruction manual © Software CD-ROM / Optical USB interface © Deluxe carrying case © Battery ("AA" 1.5V x 8pcs) © AC adaptor (110V→12V ; 220V→12V) © 4pcs current clamp transducer (1, 2, 3, 4 cable length 3 meters) (1000AAC, jaw opening 42mm) © 4pcs crocodiles test leads (blue, yellow, red, black, wire length 3 meters)