

Datalogging 3-Phase Power Analyzer TES-3600(RS-232,RMS)

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.



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

■ Voltage Measurement (V)

Range	Method	Accuracy	Input Impedance
600.0V	True RMS	±0.5% of rdg ± 10dgt ± (30V)	2M Ω

■ Current Measurement (A) :

Range	Method	Accuracy
250A 500A 1000A	True RMS	±0.5% of rdg ± 10dgt ± clamp on sensor specifications

■ Active Power Measurement (KW) :

Range	Accuracy	Effect of power factor
Determined by the voltage x current range combination	±0.5%rdg ± 10dgt ± clamp on sensor specifications	±0.1%rdg

■ Reactive Power Measurement (KVAR) :

Range	Accuracy	Effect of power factor
Determined by the voltage x current range combination	±0.5%rdg ± 10dgt ± clamp on sensor specifications	±0.1%rdg

■ Apparent Power Measurement (KVA) :

Range	Accuracy
Determined by the voltage x current range combination	±0.5%rdg ± 10dgt ± clamp on sensor specifications

■ Power Integration Measurement :

Power Integration	Resolution	Accuracy
0.0KWh to 9999MWh	0.1KWh	0.5%rdg ± 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)	±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	±0.5%rdg ± 1dgt

GENERAL SPECIFICATIONS:

Size: 235(L) × 116(W) × 54(H)mm

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:

- 1 Instruction manual
- 2 Softwar CD rom / Optical RS-232 interface
- 3 Deluxe carrying case
- 4 Battery ("AA" 1.5V × 8pcs)
- 5 AC adaptor (110V → 12V : 220V → 12V)
- 6 4pcs current clamp transducer (1, 2, 3, 4 cable length 3 meters) (1000A AC, jaw opening 40mm)
- 7 4pcs crocodiles test leads (blue, yellow, red, black, wire length 3 meters)