

Order Code : 20213590.1.2

Name : Clamp Tester



Specifications:

AC voltage

Measuring range 50 V ... 600.0 V True RMS value
Resolution 0.1 V
Accuracy $\pm 1.5\%$ of measured value ± 10 digits

AC current

Measuring range 3 A ... 999.9 A True RMS value
Resolution 0.1 A
Accuracy (incl. current clamp) $\pm 1.5\%$ of measured value ± 15 digits

Active power

Measuring range 150 W ... 999.9 kW
Resolution 0.1 kW
Accuracy $\pm 1.5\%$ of measured value ± 20 digits

Apparent power

Measuring range 150 VA ... 999.9 kVA
Resolution 0.1 kVA
Accuracy $\pm 1.5\%$ of measured value ± 20 digits

Reactive power

Measuring range 150 Var ... 999.9 kVar
Resolution 0.1 kVar
Accuracy $\pm 1.5\%$ of measured value ± 20 digits

Power factor (cos Φ)

Measuring range 0 ... +1
Resolution 0.001
Accuracy ± 0.06

Phase angle (Φ)

Measuring range -90° ... $+90^\circ$
Resolution 0.1°
Accuracy $\pm 3^\circ$

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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Frequency (U < 50 V)

Measuring range	40 Hz ... 100 Hz
Resolution	0.1 Hz
Accuracy	± 0.1% of measured value +2 digits

Rotary field (UL > 50 V)

Input voltage range	3P > 10 V
Measurement sources	U1, U2 and U3

Active energy

Measuring range / resolution	0 ... 9999 MWh
Accuracy	± 1.5% of measured value +20 digits

Apparent energy

Measuring range / resolution	0 ... 9999 MVAh
Accuracy	± 1.5% of measured value +20 digits

Reactive energy

Measuring range / resolution	0 ... 9999 MVArh
Accuracy	± 1.5% of measured value +20 digits

Harmonics

Order	1 ... 63
Accuracy	± 3% THD

Waveforms Display via PC software

General specifications

Sampling rate	1 / second
Max. current clamp opening	44 mm / 1.73 in
Max. data storage	Manual: 50 measurements Data logger: 10,000,000 measurements
Data interface	RS-232 port to USB cable
Software	CD-ROM for PC, Windows-compatible
Display	4-digit LCD
Power supply	8 x 1.5 V AA batteries or 12 V, 300 mA
Device dimensions	Approx. 235 mm x 117 mm x 54 mm / 9.25 in x 4.61 in x 2.13 in
Device weight (incl. batteries)	Approx. 730 g / 1.61 lbs

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