

Order Code : 20213590.1.3

Name : Three Phase Electric Tester



**Specifications:**

Voltage measurement	4.0 ... 600.0 V RMS value $\pm 0.5\%$ of the measured value $\pm 5$ digits / 0.1 V
Voltage peaks (> 10V)	50 Hz - 60 Hz / $\pm 5\%$ $\pm 50$ digits
Current measurements	4.0 ... 1500.0 A real $\pm 1\%$ V. of the measured value $\pm 5$ digits / 0.01 A
Current peaks (> 20A)	50 Hz - 60 Hz / $\pm 5\%$ $\pm 50$ digits
Active power P	10 W ... 9999 kW in 5 measurement ranges
	$\pm 1\%$ of the value + 20 digits (>20 V y >20 A) $\pm 2\%$ of the value + 40 digits (>20 V y >20 A)
Apparent power S	0.1 W ... 1 kW according to the measurement range
	10 VA ... 9999 kVA in 5 measurement ranges
Reactive power Q	$\pm 1\%$ of the value + 20 digits (>20 V y >20 A) $\pm 2\%$ of the value + 40 digits (>20 V y >20 A)
	0.1 VAR ... 1 kVAR according to the measurement range
PF power factor	0.000 ... 1.000
	$\pm 0.04$ (>20 V >20 A) / 0,001 $\pm 0.1$ (>20 V >20 A) / 0,001
Phase angle	-180 ... +180 / $\pm 1$ / 0,1
	0 ... +360 / $\pm 1$ / 0,1
Frequency measurement (U > 50 V)	46 ... 65 Hz $\pm 0.3$ Hz / 0.1 Hz
Active energy	0 ... 999.999 kWh $\pm 1\%$ of the value + 20 digits
Apparent energy	0 ... 999.999 kVAh $\pm 1\%$ of the value + 20 digits
Reactive energy	0 ... 999.999 kVarh $\pm 1\%$ of the value + 20 digits

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

**TESCA TECHNOLOGIES PVT. LTD.**

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Harmonics in the voltage (relative)	1 - 20 th / $\pm 2\%$ / 0.1%
50 - 60 Hz > 80 V AC	21 - 50 th / $\pm 4\%$ of the value $\pm 2\%$ / 0.1%
Harmonics in the voltage (absolute)	1 - 20 th / $\pm 2\%$ / 0.1%
50 - 60 Hz > 80 V AC	21 - 50 th / $\pm 4\%$ of the value $\pm 0.5\%$ / 0.1%
Harmonics in the current (relative)	1 - 20 th / $\pm 2\%$ / 0.1 %
50 - 60 Hz > 80 V AC	21 - 50 th / $\pm 4\%$ of the value $\pm 2\%$ / 0.1 %
Harmonics in the current (absolute)	1 - 20 th / $\pm 2\%$ of the value $\pm 0.4$ A / 0.1 A
50 - 60 Hz > 80 V AC	21 - 50 th / $\pm 4\%$ of the value $\pm 0.4$ A / 0.1 A
Total harmonic distortion (THD-F)	0.0 - 20% / 2% / 0.1%
50 - 60 Hz > 80 V y > 20 A	20.1 - 100% / $\pm 6\%$ of the value $\pm 1\%$ / 0.1%
	100.1 - 999.9 % / $\pm 10\%$ of the value $\pm 1\%$ / 0.1%
Max. clamp opening	55 mm / 2.2 in
Range selection	Auto
Overload indication	"OL = Overload
Memory	50,000 readings
Interface	USB
Software and data cable	included in the delivery. They can be used with Win 2000, XP, ME
Display	graphic LCD display, 128 x 64 with backlight
Power supply	2x 1.5V AA batteries
Energy consumption	Approx. 10-mA
Dimensions	271 x 112 x 46 mm / 10.6 x 4.4 x 1.8 in
Weight	650 g / 1.4 lbs with batteries
Operating conditions	85% max. R.H. / -10 ... 50°C / 14 ... 122°F
Protection / Standards	CAT III 600 V / EN 61010-2-032

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