

TES

Reliable in Quality

TES-3900 / 3901 Clamp Meter (1000A)

- ❑ Motor Inrush Current measurement
- ❑ Check 3 Φ phase sequence
- ❑ Variable-frequency drive (VFD) V & Hz measurement.
- ❑ Lo-Z voltage measurement to drain ghost voltages.
- ❑ Crest Factor & Harmonic ratio measurement. (3901)
- ❑ True RMS reading on AC and DC+AC mode. (3901)





Reliable in Quality

3900 Clamp Meter (AC 1000A) 3901 Trms Clamp Meter (AC 1000A)

FEATURES

- ☐ Variable-frequency drives (VFD) V & Hz measurement.
- ☐ Lo-Z voltage measurement to drain ghost voltages.
- ☐ Check 3Ø phase sequence.
- ☐ Inrush current measurement.
- ☐ True RMS reading on AC and DC+AC mode. (3901)
- ☐ μ A measurement for HVAC flame sensors. (3901)
- ☐ mV measurement range to interface with other accessories. (3901)
- ☐ Crest Factor & Harmonic ratio measurement. (3901)
- ☐ Data hold, Auto hold & Peak hold mode.
- ☐ Max/Min record mode.
- ☐ Data memory & read function. (10 readings)

Specifications

Model		3900	3901
AC current	Range	99.99A / 999.9A	99.99A / 999.9A
	Accuracy	$\pm 2\% \pm 20$ dgt (50, 60Hz) $\pm 4\% \pm 20$ dgt (40 to 400Hz)	$\pm 2\% \pm 20$ dgt (50, 60Hz) $\pm 4\% \pm 20$ dgt (40 to 400Hz)
AC voltage	Range	999.9V	999.9mV to 999.9V
	Accuracy	$\pm 1\% \pm 20$ dgt (50, 60Hz) $\pm 2\% \pm 20$ dgt (40 to 400Hz)	$\pm 1\% \pm 20$ dgt (50, 60Hz) $\pm 2\% \pm 20$ dgt (40 to 400Hz)
DC voltage	Range	99.99V / 999.9V	999.9mV to 999.9V
	Accuracy	$\pm 1\% \pm 20$ dgt	$\pm 1\% \pm 20$ dgt
Resistance	Range	999.9 Ω / 99.99K Ω	999.9 Ω to 999.9K Ω
	Accuracy	$\pm 1\% \pm 10$ dgt	$\pm 1\% \pm 10$ dgt
Diode	Range	3.000V	3.000V
	Accuracy	$\pm 2\% \pm 1$ dgt	$\pm 2\% \pm 1$ dgt
Frequency	Range	5.0Hz to 500.0Hz	5.0Hz to 500.0Hz
	Accuracy	$\pm 0.5\% \pm 2$ dgt	$\pm 0.5\% \pm 2$ dgt
μ A (AC+DC)	Range	-	99.99 μ A / 999.9 μ A
	Accuracy	-	$\pm 1\% \pm 20$ dgt
Continuity		$\leq 40\Omega$	$\leq 40\Omega$
3Ø Phase sequence indication		yes	yes
ACA Inrush current		yes	yes
Data hold		yes	yes
Auto hold		yes	yes
Peak hold		yes	yes
Max/Min		yes	yes
Memory/Read		yes	yes
Size	HxWxD (mm)	236x80x36	236x80x36
	Max wire diameter	30mm	30mm
	Weight	350g	350g
Category		CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V



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