



# 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 3 $\phi$  phase sequence.
- Inrush current measurement.
- True RMS reading on AC and DC+AC mode. **(3901)**
- $\mu$ 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.



### Specifications

Model		3900	3901
AC current	Range	99.99A / 999.9A	99.99A / 999.9A
	Accuracy	$\pm 2\% \pm 20$ dgts (50, 60Hz) $\pm 4\% \pm 20$ dgts (40 to 400Hz)	$\pm 2\% \pm 20$ dgts (50, 60Hz) $\pm 4\% \pm 20$ dgts (40 to 400Hz)
AC voltage	Range	999.9V	999.9mV to 999.9V
	Accuracy	$\pm 1\% \pm 20$ dgts (50, 60Hz) $\pm 2\% \pm 20$ dgts (40 to 400Hz)	$\pm 1\% \pm 20$ dgts (50, 60Hz) $\pm 2\% \pm 20$ dgts (40 to 400Hz)
DC voltage	Range	99.99V / 999.9V	999.9mV to 999.9V
	Accuracy	$\pm 1\% \pm 20$ dgts	$\pm 1\% \pm 20$ dgts
Resistance	Range	999.9 $\Omega$ / 99.99K $\Omega$	999.9 $\Omega$ to 999.9K $\Omega$
	Accuracy	$\pm 1\% \pm 10$ dgts	$\pm 1\% \pm 10$ dgts
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	$\pm 0.5\% \text{rdg} \pm 2$ dgts	$\pm 0.5\% \text{rdg} \pm 2$ dgts
$\mu$ A (AC+DC)	Range	-	99.99 $\mu$ A / 999.9 $\mu$ A
	Accuracy	-	$\pm 1\% \pm 20$ dgts
Continuity		$\leq 40 \Omega$	$\leq 40 \Omega$
3 $\phi$ 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