

# 3282

## DIGITAL CLAMP ON METER



The true RMS is shown in the distorted waveform

- AC Current/Voltage, Frequencies, Resistance, Conduction check, Temperature (probe sold separately)
- Wave peak value, Waveform distortion check
- Auto-power off to prevent the power from being left on
- Non-fuse type protects up to 600 V AC

### Basic Specifications

AC Current range	30.00 to 1000 A AC, 3 ranges ( $\pm 1\%$ rdg. $\pm 5$ dgt. at 50 or 60Hz), Effective value rectifier
Wave peak value at AC Current	75.0 to 1700 A peak, 3 ranges ( $\pm 3\%$ rdg. $\pm 5$ dgt. at 50 or 60Hz)
AC Voltage range	300.0 or 600 V AC, 2 ranges ( $\pm 1\%$ rdg. $\pm 3$ dgt. at 50 or 60Hz), Effective value rectifier
Wave peak value at AC Voltage	up to 750 or 1000 V peak, 2 ranges ( $\pm 3\%$ rdg. $\pm 5$ dgt. at 50 or 60Hz)
Other functions	<b>Distortion check:</b> 1 to 5 Crest factor <b>Resistance:</b> 1 k or 10 k-ohm range <b>Temperature:</b> -50 to 150 °C (9462 TEMPERATURE PROBE required, sold separately) <b>Frequency:</b> 100 or 1000 Hz <b>Mode:</b> Slow/Peak/C.F./RMS/Record mode/Auto-off/Conduction
Analog output	None
Frequency characteristics (at AC current / voltage)	40 to 1000 Hz
Display section	Digital / 3000 dgt. Bar graph / 35 seg.
Sampling rate	2 or 4 times/sec (Slow: 1 times/3 sec)
Crest factor (RMS)	2.5 (1.7 at 600 A, 600 V range)
Max. circuit voltage	600 V AC rms (insulated wire)
Power supply	6F22(006P) $\times$ 1, Continuous use 50 hours

Core jaw dia	Ø46 mm(1.81 in)
Dimensions, mass	62 mm(2.44 in)W × 230 mm(9.06 in)H × 39 mm(1.54 in)D, 400 g (14.1 oz)
Accessories	9207 TEST LEAD (1), 9399 CARRYING CASE (1), Hand strap (1)