

Professional AC Clamp Meter

Technical Data



K2017

The lightweight, compact K2017 has narrow teardrop jaws for accessing tight cable compartments and can measure AC current to 600A and AC voltage up to 600V. It also has the ability to measure resistance and has a continuity buzzer for rapid circuit fault diagnosis.

Features Include:

- Measures AC current up to 600 Amps
- Ø33mm Cable
- Measures AC voltage to 600V
- Measures Resistance up to 200Ω
- Continuity Buzzer
- Frequency response from 40Hz to 1kHz on AC current and voltage

General Specifications

Overload Protection	: Protected by PTC, AC voltage ranges 660VA, Resistance ranges 660V AC
Response Time	: About 1 second (about 2 seconds on resistance range)
Data Hold	: Operates on all ranges
Storage Temperature and Humidity	: -20°C~+60°C, up to 75% relative humidity or less (without condensation)
Operating Temperature and Humidity	: -10°C~+50°C (without condensation) up to +30°C, 90% relative humidity up to +40°C, 75% relative humidity up to +50°C, 45% relative humidity
Conductor Size	: Approx. 33mm diameter max.
Safety Standard	: IEC1010-1, VDE0411, UL1244, CSAC22.2 # 231
Dimensions	: 208(L)X90(W)X40(D)mm
Weight	: Approx. 400g (battery included)
Power Source	: One 9V battery, Type 1604, PP3, 6F22 or equivalent
Accessories	: Included: Battery, Test leads Model 7066, carrying case Model 9079, instruction manual Optional: Model 8004, 8008 (multi-trans)



Range	Frequency	Accuracy	Crest Factor
AC200A	50/60Hz	1.5% rdg +4dgt	sin
	40-1kHz	2% rdg +5dgt	↑
AC600A	50/60Hz	1% rdg +3dgt	↑
	40-1kHz	2% rdg +5dgt	↑
AC200V	50/60Hz	1% rdg +2dgt	↑
	40-1kHz	1.5% rdg +4dgt	↑
AC600V	50/60Hz	1% rdg +2dgt	↑
	40-1kHz	1.5% rdg +4dgt	↑
200 Ω	—	2% rdg +5dgt Beeps below about 30 Ω	