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TECHNICAL DATA

Fluke 373 True-RMS AC Clamp Meter



Key features

- A top performing True-RMS current clamp for AC-only current measurements to 600 A
- Measures AC and DC voltage to 600 V
- Measures resistance to 6000 Ω with continuity detection
- Offers state of the art signal processing to provide stable readings even in noisy electrical environments

Product overview: Fluke 373 True-RMS AC Clamp Meter

Fluke 373 True RMS AC Clamp Meter does the job for any AC-only current measurement application

Fluke 373 True-RMS AC Clamp Meter is a great choice for AC-only current measurement situations. Featuring True RMS AC voltage and current measurements you can measure AC current to 600 A and AC voltage to 600V. The 373 also measures DC voltage to 600 V and resistance to 6000 Ω.

To make it even easier to use, the large, easy-to-read backlit display provides better visibility in dimly lit conditions. And the 373 automatically sets the correct measurement range based on the voltage present when you power up, so you do not need to move the switch while taking a measurement. When you put it all together, you'll find the Fluke 373 offers everything you need, plus a little more.

Other useful capabilities:

- Provides True-RMS voltage and current measurements to accurately measure non-linear signals
- Automatically selects a measurement range based on voltage present so you don't need to change the switch positions

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while taking a measurement
- Presents readings on a large, easy-to-read backlit display
- Features CAT IV 300 V, CAT III 600 V safety ratings
- Comes with a soft carrying case and three-year warranty
- Runs on two AA alkaline batteries

Specifications: Fluke 373 True-RMS AC Clamp Meter

Electrical Specifications	
AC Current	
Range	600.0 A
Resolution	0.1 A
Accuracy	2 % ± 5 digits (48 – 62 Hz)
Crest Factor (50/60 Hz)	2.5 @ 600 A
AC Voltage	
Range	600.0 V
Resolution	0.1 V
Accuracy	1.0 % ± 5 digits (48 – 62 Hz)
DC Voltage	
Range	600.0 V
Resolution	0.1 V
Accuracy	1 % ± 5 digits
Resistance	
Range	600.0 Ω/6000 Ω
Resolution	0.1 Ω/1 Ω
Accuracy	1 % ± 5 digits
Continuity Beeper	30 Ω
Capacitance	
Range	10.0 – 100.0 µF / 1000 µF
Resolution	0.1 µF/1 µF
Accuracy	1.9 % ± 2 digits
Mechanical Specifications	
Size (L x W x H)	232 mm x 85 mm x 45 mm
Weight	370 g
Environmental Specifications	
Operating Temperature	-10 °C to +50 °C
Storage Temp	-40 °C to +60 °C

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Operating Humidity	Non condensing (< 10 °C) ≤ 90 % RH (at 10 °C to 30 °C) ≤ 75 % RH (at 30 °C to 40 °C) ≤ 45 % RH (at 40 °C to 50 °C) (Without Condensation)
Operating Altitude	3000 meters
Storage Altitude	12,000 meters
EMI, EMC	Meets all applicable requirements in EN61326-1:2006
Temperature Coefficients	Add 0.1 x specified accuracy for each degree C above 28 °C or below 18 °C
Safety Compliance	ANSI/ISA S82.02.01:2004 CAN/CSA-C22.2 No. 61010-1-04 IEC/EN 61010-1:2001, 600V CAT III, 300V CAT IV Pollution Degree 2 EN/IEC 61010-2-32:2002 EN/IEC 61010-031:2002/A1:2008
Agency Approvals	
Batteries	2 AA, NEDA 15A, IEC LR6

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Ordering information



Fluke 373
Fluke 373 True RMS AC Clamp Meter

Includes:

- Coated instruction card
- Safety information sheet
- Soft carrying case
- TL75 test leads
- Five AA Alkaline batteries

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