

TECHNICAL DATA

Fluke i1010 AC/DC Current Clamp



Key features

- The Fluke i1010 AC/DC current clamp is a battery-powered Hall-effect probe that extend the current ranges of Fluke tools, measuring DC current from 1 A to 1000 A and AC current from 1 A to 600A.
- Provides accurate current reading without breaking the circuit.
- Compatible with most Fluke multimeters.
- CAT III 600 V safety rating

Product overview: Fluke i1010 AC/DC Current Clamp

Fluke current clamps extend the current ranges of Fluke tools. The Fluke i1010 AC/DC current clamp is highly reliable, measures 1 A to 1000 A and provides accurate current reading without breaking the circuit. This clamp measures both ac and dc current with a large jaw, battery-powered Hall-effect probe that gives access to difficult to reach areas. Compatible with most Fluke multimeters.

Specifications: Fluke i1010 AC/DC Current Clamp

Specifications

Measurement type	Hall sensor
------------------	-------------

Nominal current range	600 A, AC 1000 A, DC
Continuous current range	1 A - 600 A, AC 1 A - 1000 A, DC
Maximum non-destructive current	1000 A
Lowest measureable current	0.5 A
Basic accuracy	2% + 0.5 A (% reading + floorspec)
Useable frequency	DC - 10 kHz
Output level(s)	1 mV/A
Zero error adjustment	Yes
Safety Specifications	
Safety	CAT III, 600 V
Maximum voltage	600 V
Mechanical and General Specifications	
Warranty	1 year
Battery life	9 V, 60 h
Maximum conductor diameter	30 mm 2 x 25 mm
Output cable length	1.6 m
Shrouded banana plugs	Yes

Ordering information



Fluke i1010

Fluke i1010 AC/DC Current Clamp

Fluke. *Keeping your world up and running.®*

Fluke Corporation

PO Box 9090, Everett, WA 98206 U.S.A.

For more information call:

In the U.S.A. (800) 443-5853

In Europe/M-East/Africa +31 (0)40 267 5100

In Canada (800)-36-FLUKE

From other countries +1 (425) 446-5500

Fluke Electronics (Malaysia) Sdn Bhd

Suite D-3A-4, Block D

SouthGage Commercial Centre, No2

Jalan Dua Off Jln Chan Sow Lin

55200 KL

Malaysia

Email: info.asean@fluke.com

www.fluke.com/my

©2025 Fluke Corporation. Specifications subject to change without notice.

12/2025

Modification of this document is not permitted without written permission from Fluke Corporation.