

TECHNICAL DATA

Fluke 325 True RMS Clamp Meter



Key features

- True-rms AC/DC current, voltage, temperature, frequency
- Clamp meter, test leads, K-type thermocouple and soft case
- Versatile tool performs most front-line measurement tasks

Product overview: Fluke 325 True RMS Clamp Meter

Troubleshoot problems safely and accurately

The Fluke 325 True-rms Clamp Meter is a reliable, versatile troubleshooting tool for commercial and residential electricians. Featuring a slim design for easy transport and use, and a large display for efficient troubleshooting. In addition to true-rms AC current and voltage on non-linear loads, the 325 measures:

- DC current
- DC voltage
- Temperature
- Frequency

You'll carry fewer tools in your bag and get more work done.

Covers most problems you see day-in, day-out

The 325 gives you a strong combination of measurement functions, in a tool that is reliable, easy-to-use and affordable. This clamp meter offers True-rms AC voltage and current measurements on non-linear signals. Paired with the CAT III 600 V, CAT IV 300 V safety rating the clamp meter can also measure:

- Measures AC/DC current up to 400 A through jaw
- AC/DC voltage to 600 V using test leads
- Measures frequency from 5 Hz to 500 Hz; resistance to 40 kΩ
- Measures temperature from -10 °C to 400 °C with included K-type thermocouple
- Min/Max function records important values

Comes with a two-year warranty

Specifications: Fluke 325 True RMS Clamp Meter

Specifications		
AC current	Range	40.00 A / 400.0 A
	Accuracy	2% ± 5 digits (45 Hz to 65 Hz) 2.5% ± 5 digits (65 Hz to 400 Hz)
DC current	Range	40.00 A / 400.0 A
	Accuracy	2% ± 5 digits
AC voltage	Range	600.0 V
	Accuracy	1.5% ± 5 digits

DC voltage	Range	600.0 V
	Accuracy	1.0% ± 5 digits
Resistance	Range	400.0 Ω / 4000 Ω / 40.00 kΩ
	Accuracy	1.0% ± 5 digits
Continuity		≤ 30 Ω
Capacitance		0 to 100.0 μF / 100μF to 1000 μF
Frequency		5.0 Hz to 500.0 Hz
AC response		True-RMS
Backlight		Yes
Data hold		Yes
Contact temperature		-10.0°C to 400.0°C (14.0°F to 752.0°F)
Min/Max		Yes
Size	H x W x D (mm)	207 x 75 x 34
	Max wire diameter	30 mm (600 MCM)
	Weight	283 g
Category rating		CAT III 600 V CAT IV 300 V
Warranty		Two-year

Ordering information



Fluke 325

Fluke 325 True-RMS Clamp Meter

Includes:

- Fluke 325 True-RMS Clamp Meter
- TL75 Test Leads
- Type K Thermocouple
- Two AAA Batteries (Installed)
- Soft Case

Optional accessories

Description

Fluke TL223 SureGrip™ Electrical Test Lead Set

Includes 3 test lead accessories in an all-in-one set. Ideal starter kit for electrical applications.

Fluke C43 Soft Carrying Case

Zippered carrying case with durable polyester exterior.

Fluke C550 Tool Bag

Steel reinforced frame, rugged ballistic cloth with heavy duty hardware, large zippered storage compartment with 25 pockets, weather resistant.

Fluke CAMO-37 Camouflage Carrying Case

Get the right case for your Fluke tools. The CAMO-37 camouflage carrying case is a zippered carrying case with durable high quality polyester exterior. It has a belt loop and an inner pocket to store test leads or small accessories. It is available in a trendy camouflage design with a 1 year warranty.

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

Fluke Corporation

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

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

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

©2025 Fluke Corporation. Specifications subject to
change without notice.
12/2025

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