

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% \pm 5 digits
Resistance	Range	400.0 Ω / 4000 Ω / 40.00 k Ω
	Accuracy	1.0% \pm 5 digits
Continuity		\leq 30 Ω
Capacitance		0 to 100.0 μ F / 100 μ F to 1000 μ F
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

Fluke TL223 SureGrip™ Electrical Test Lead Set

Fluke C43 Soft Carrying Case

Fluke CAMO-37 Camouflage Carrying Case

Description

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

Zippered carrying case with durable polyester exterior.

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.

Fluke. Keeping your world up and running.®

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

©2026 Fluke Corporation.
Specifications subject to change without notice.
02/2026

For more information call:
In the U.S.A. (800) 443-5853
In Canada (800) 36-FLUKE
From other countries +1 (425) 446-5500
www.fluke.com

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