

TECHNICAL DATA

Fluke 324 True-RMS Clamp Meter with Temperature & Capacitance



Key features

"It does everything a HVAC or Maintenance Tech would need. Out of 12 guys I work with 9 of them had the 324" - Thomas

- Rugged, reliable basic True-RMS clamp meter
- Measure AC current up to 400 A, AC/DC voltage to 600V
- Measure resistance up to 4kΩ, continuity detection $\leq 30\Omega$
- Additions from 323 Clamp: Temperature, Capacitance, Backlight

Product overview: Fluke 324 True-RMS Clamp Meter with Temperature & Capacitance

The Fluke 324 True-RMS Clamp Meter is a reliable, solid troubleshooting tool for commercial and residential electricians, featuring True-RMS measurements, a slim design for easy transport and use, and a large display for efficient troubleshooting. With the addition of Temperature and Capacitance, it has everything an HVAC technician could need.

Troubleshoot problems safely and accurately

- CAT III 600 V, CAT IV 300 V safety rating
- Provides True RMS AC voltage and current for accurate measurements on non-linear signals

- Measures AC current up to 400 A
- Measures AC/DC voltage to 600V
- Measures resistance to 4k Ω with continuity detection $\leq 30\Omega$
- Measures temperature from -10C to 400C
- Measures capacitance to 1000 μ F
- Backlight and hold function captures a reading on the display
- Comes with a two-year warranty and soft carrying case

Fluke 320 Series Clamp Meters for electrical troubleshooting



Fluke 323 True-RMS Clamp Meter

Fluke 324 True-RMS Clamp Meter

Fluke 325 True-RMS Clamp Meter

AC Current	400A	40A / 400A	40A / 400A
DC Current			40A / 400A
AC/DC Voltage	600V	600V	600V
Resistance	400 Ω / 4k Ω	400 Ω / 4k Ω	400 Ω / 4k Ω / 40k Ω
Continuity	$\leq 70\Omega$	$\leq 30\Omega$	$\leq 30\Omega$
Capacitance		100 μ F / 1000 μ F	100 μ F / 1000 μ F
Temperature		-10C to 400C	-10C to 400C
Backlight		Yes	Yes
Frequency			5Hz to 500Hz
Min/Max			Yes

Contents:

- Fluke 324 True-RMS Clamp Meter
- TL75 Test Leads
- Type K Thermocouple
- Two AAA Batteries (Installed)
- Soft Case

Specifications: Fluke 324 True-RMS Clamp Meter with Temperature & Capacitance

Specifications

AC current	Range	40.00 A / 400.0 A
	Accuracy	1.5% $\pm$ 5 digits (45 Hz to 400 Hz) Note: Add 2% for position sensitivity
DC current	Range	-
	Accuracy	-
AC voltage	Range	600.0 V
	Accuracy	1.5% $\pm$ 5 digits
DC voltage	Range	600.0 V
	Accuracy	1.0% $\pm$ 5 digits
Resistance	Range	400.0 Ω / 4000 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		-
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		-
Size	H x W x D (mm)	207 x 75 x 34
	Max wire diameter	30 mm (600 MCM)
	Weight	208 g
Category rating		CAT III 600 V CAT IV 300 V
Warranty		Two-year

Ordering information



Fluke 324

Fluke 324 True-RMS Clamp Meter

Includes:

- Fluke 324 True-RMS Clamp Meter
- TL75 Test Leads
- Type K Thermocouple
- Two AAA Batteries (Installed)
- Soft Case

Optional accessories

Fluke C11XT Protective EVA Hard Tool Case

Description

Durable EVA foam case with pockets to safely carry most smaller multimeters and accessories

Fluke L210 Probe Light Kit

L210 probe light + probe extenders. Includes L200 probe light and TP280 test probe extenders

Fluke TL175 TwistGuard™ Test Leads

Simply twist to change the exposed probe tip length.

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. *Keeping your world up and running.®*

Fluke (UK) Ltd.
52 Hurricane Way
Norwich, Norfolk
NR6 6JB
United Kingdom
Tel.: +44 (0)20 7942 0708
E-mail: cs.uk@fluke.com
www.fluke.com/en-gb

©2023 Fluke Corporation. All rights reserved.
Data subject to alteration without notice.
09/2023

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