

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 TL75 Hard Point™ Test Lead Set

Fluke TL175 TwistGuard™ Test Leads

Fluke TLK-225 SureGrip™ Master Accessory Set

Description

PVC-insulated, right-angle shrouded 4 mm (0.16 in) banana plugs

Simply twist to change the exposed probe tip length.

Includes all the SureGrip™ leads and probes in a handy six-pocket, roll-up pouch, along with TL224 test leads.

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

Fluke Europe B.V.

P.O. Box 1186
5602 BD Eindhoven
The Netherlands
www.fluke.com/en

©2022 Fluke Corporation. All rights reserved.
Data subject to alteration without notice.
07/2022

For more information call:

In Middle East/Africa
+31 (0)40 267 5100

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