

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 $\Omega$  with continuity detection  $\leq 30\Omega$
- Measures temperature from -10C to 400C
- Measures capacitance to 1000 $\mu$ 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 $\Omega$ / 4k $\Omega$	400 $\Omega$ / 4k $\Omega$	400 $\Omega$ / 4k $\Omega$ / 40k $\Omega$
Continuity	$\leq 70\Omega$	$\leq 30\Omega$	$\leq 30\Omega$
Capacitance		100 $\mu$ F / 1000 $\mu$ F	100 $\mu$ F / 1000 $\mu$ 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	<b>Range</b>	40.00 A / 400.0 A
	Accuracy	1.5% ± 5 digits (45 Hz to 400 Hz) Note: Add 2% for position sensitivity
DC current	<b>Range</b>	-
	Accuracy	-
AC voltage	<b>Range</b>	600.0 V
	Accuracy	1.5% ± 5 digits
DC voltage	<b>Range</b>	600.0 V
	Accuracy	1.0% ± 5 digits
Resistance	<b>Range</b>	400.0 Ω / 4000 Ω
	Accuracy	1.0% ± 5 digits
Continuity		≤ 30 Ω
Capacitance		0 to 100.0 μF / 100μF to 1000 μF
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	<b>H x W x D (mm)</b>	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

#### Description

##### Fluke C11XT Protective EVA Hard Tool Case

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 Corporation**

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