

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

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Fluke 325 True-RMS Clamp Meter

	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

### R-FLUKE-324

Fluke 324 True-RMS Clamp Meter with Temperature & Capacitance, fully reconditioned to original factory specifications. Includes Fluke's 2 year product warranty.

#### Optional accessories

##### Fluke TL75 Hard Point™ Test Lead Set

#### Description

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

##### Fluke TL175 TwistGuard™ Test Leads

Simply twist to change the exposed probe tip length.

##### Fluke TLK-225 SureGrip™ Master Accessory Set

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

##### Fluke insulated hand tools starter kit

8-piece kit has the most popular screwdrivers, pliers and cutters.



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

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

**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](http://www.fluke.com)

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03/2022

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