

**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  $4k\Omega$ , 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

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- 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 1000µF
- 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	400Ω / 4kΩ	400Ω / 4kΩ	400Ω / 4kΩ / 40kΩ
Continuity	≤ 70Ω	≤ 30Ω	≤ 30Ω
Capacitance		100µF / 1000µF	100µF / 1000µF
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** 

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

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## **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	Description
Fluke TL75 Hard Point™ Test Lead Set	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 <sup>™</sup> 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.

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