

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 4kΩ 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

|               | 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    | $\leq 70\Omega$                | $\leq 30\Omega$                | $\leq 30\Omega$                |
| 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

|                     |                       |  |
|---------------------|-----------------------|--|
| AC current          | <b>Range</b>          | 40.00 A / 400.0 A  |
|                     | Accuracy              | 1.5% ± 5 digits (45 Hz to 400 Hz)<br>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<br>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.