

320 Series True-rms Clamp Meters

Fluke rugged. Fluke precise. Fluke reliable.

The Fluke 323, 324 and 325 Clamp Meters are designed to perform in the toughest environments and provide noise-free, reliable results users can trust to confidently diagnose problems. True-rms measurements and optimized ergonomics make the 320 Series Clamp Meters the best general troubleshooting tools for commercial and residential electricians.

New



Technical Data

Measurement capability

- 400 A ac current measurement (ac and dc current; 325 only)
- 600 V ac and dc voltage measurement
- True-rms ac voltage and current for accurate measurements on non-linear signals
- Resistance measurement to up to 40 k Ω with continuity detection
- Temperature and capacitance measurement (324 and 325 only)
- Frequency measurement (325 only)

Features

- Slim, ergonomic design
- Large, easy to read backlight display (324 and 325 only)
- CAT IV 300 V/CAT III 600 V safety rating
- Hold button
- Two-year warranty
- Soft carrying case

Specifications

| | | 323 | 324 | 325 |
|----------------------------|-------------------|---|--|---|
| AC current | Range | 400.0 A | 40.00 A/400.0 A | 40.00 A/400.0 A |
| | Accuracy | 2 % ± 5 digits (45 Hz to 65 Hz) 2.5 % ± 5 digits (65 Hz to 400 Hz) | 1.5 % ± 5 digits (45 Hz to 400 Hz) Note: Add 2 % for position sensitivity | 2 % ± 5 digits (45 Hz to 65 Hz) 2.5 % ± 5 digits (65 Hz to 400 Hz) |
| DC current | Range | — | — | 40.00 A/400.0 A |
| | Accuracy | — | — | 2 % ± 5 digits |
| AC voltage | Range | 600.0 V | 600.0 V | 600.0 V |
| | Accuracy | 1.5 % ± 5 digits | 1.5 % ± 5 digits | 1.5 % ± 5 digits |
| DC voltage | Range | 600.0 V | 600.0 V | 600.0 V |
| | Accuracy | 1.0 % ± 5 digits | 1.0 % ± 5 digits | 1.0 % ± 5 digits |
| Resistance | Range | 400.0 Ω/4000 Ω | 400.0 Ω/4000 Ω | 400.0 Ω/4000 Ω/40.00 kΩ |
| | Accuracy | 1 % ± 5 digits | 1 % ± 5 digits | 1 % ± 5 digits |
| Continuity | | ≤ 70 Ω | ≤ 30 Ω | ≤ 30 Ω |
| Capacitance | | — | 100.0 μF to 1000 μF | 100.0 μF to 1000 μF |
| Frequency | | — | — | 5.0 Hz to 500.0 Hz |
| AC response | | True-rms | True-rms | True-rms |
| Backlight | | — | Yes | Yes |
| Data hold | | Yes | Yes | Yes |
| Contact temperature | | — | -10.0 °C to 400.0 °C (14.0 °F to 752.0 °F) | -10.0 °C to 400.0 °C (14.0 °F to 752.0 °F) |
| Min/Max | | — | — | Yes |
| Size | H x W x D (mm) | 207 x 75 x 34 | 207 x 75 x 34 | 207 x 75 x 34 |
| | Max wire diameter | 30 mm (600 MCM) | 30 mm (600 MCM) | 30 mm (600 MCM) |
| | Weight | 265 g | 208 g | 283 g |
| Category rating | | CAT III 600 V CAT IV 300 V | CAT III 600 V CAT IV 300 V | CAT III 600 V CAT IV 300 V |
| Warranty | | Two-year | Two-year | Two-year |

Ordering information

323 True-rms Clamp Meter

324 True-rms Clamp Meter

325 True-rms Clamp Meter

Included with all models

Clamp meter, test leads, soft case, and users manual.

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

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