

# 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 $\Omega$  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

|                            |                   | <b>323</b>                                                                  | <b>324</b>                                                                         | <b>325</b>                                                                  |
|----------------------------|-------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>AC current</b>          | Range             | 400.0 A                                                                     | 40.00 A/400.0 A                                                                    | 40.00 A/400.0 A                                                             |
|                            | Accuracy          | 2 % ± 5 digits<br>(45 Hz to 65 Hz)<br>2.5 % ± 5 digits<br>(65 Hz to 400 Hz) | 1.5 % ± 5 digits<br>(45 Hz to 400 Hz)<br>Note: Add 2 %<br>for position sensitivity | 2 % ± 5 digits<br>(45 Hz to 65 Hz)<br>2.5 % ± 5 digits<br>(65 Hz to 400 Hz) |
| <b>DC current</b>          | Range             | —                                                                           | —                                                                                  | 40.00 A/400.0 A                                                             |
|                            | Accuracy          | —                                                                           | —                                                                                  | 2 % ± 5 digits                                                              |
| <b>AC voltage</b>          | Range             | 600.0 V                                                                     | 600.0 V                                                                            | 600.0 V                                                                     |
|                            | Accuracy          | 1.5 % ± 5 digits                                                            | 1.5 % ± 5 digits                                                                   | 1.5 % ± 5 digits                                                            |
| <b>DC voltage</b>          | Range             | 600.0 V                                                                     | 600.0 V                                                                            | 600.0 V                                                                     |
|                            | Accuracy          | 1.0 % ± 5 digits                                                            | 1.0 % ± 5 digits                                                                   | 1.0 % ± 5 digits                                                            |
| <b>Resistance</b>          | 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                                                              |
| <b>Continuity</b>          |                   | ≤ 70 Ω                                                                      | ≤ 30 Ω                                                                             | ≤ 30 Ω                                                                      |
| <b>Capacitance</b>         |                   | —                                                                           | 100.0 μF to 1000 μF                                                                | 100.0 μF to 1000 μF                                                         |
| <b>Frequency</b>           |                   | —                                                                           | —                                                                                  | 5.0 Hz to 500.0 Hz                                                          |
| <b>AC response</b>         |                   | True-rms                                                                    | True-rms                                                                           | True-rms                                                                    |
| <b>Backlight</b>           |                   | —                                                                           | Yes                                                                                | Yes                                                                         |
| <b>Data hold</b>           |                   | Yes                                                                         | Yes                                                                                | Yes                                                                         |
| <b>Contact temperature</b> |                   | —                                                                           | -10.0 °C to 400.0 °C<br>(14.0 °F to 752.0 °F)                                      | -10.0 °C to 400.0 °C<br>(14.0 °F to 752.0 °F)                               |
| <b>Min/Max</b>             |                   | —                                                                           | —                                                                                  | Yes                                                                         |
| <b>Size</b>                | 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                                                                       |
| <b>Category rating</b>     |                   | CAT III 600 V<br>CAT IV 300 V                                               | CAT III 600 V<br>CAT IV 300 V                                                      | CAT III 600 V<br>CAT IV 300 V                                               |
| <b>Warranty</b>            |                   | 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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