

# 320 Series True-rms Clamp Meters

FLUKE®

New



Fluke 325



Fluke 324



Fluke 323



## Work with the best

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.

- 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
- 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 kΩ with continuity detection
- Temperature and capacitance measurement (324 and 325 only)
- Frequency measurement (325 only)

## 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<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 % for position sensitivity | 2 % ± 5 digits<br>(45 Hz to 65 Hz)<br>2.5 % ± 5 digits<br>(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                                                            | -10.0 °C to 400.0 °C                                                        |
| Min / Max           |          | -                                                                           | -                                                                               | Yes                                                                         |
| Max wire diameter   |          | 30 mm (600 MCM)                                                             | 30 mm (600 MCM)                                                                 | 30 mm (600 MCM)                                                             |
| Category rating     |          | 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                                               |



True RMS

Size (HxWxD): 207 mm x 75 mm x 34 mm

Weight: 323: 0,265 kg  
324: 0,280 kg  
325: 0,283 kg

Two Year Warranty

### Included Accessories

Test leads, soft case, users manual

### Ordering Information

Fluke 323 True-rms Clamp Meter  
Fluke 324 True-rms Clamp Meter  
Fluke 325 True-rms Clamp Meter

### Recommended Accessories



TL223-1  
See page 130

TL175  
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