

FLUKE®



2014-2015

TEST TOOLS CATALOG

The Most Trusted Tools in the World.

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 (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	-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 CAT IV 300 V	CAT III 600 V CAT IV 300 V	CAT III 600 V CAT IV 300 V



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
See page 132