

Fluke 320 and 330 Series Clamp Meters

Measure inrush motor starting current the way a circuit breaker sees it



- Inrush current feature (selected models)
- Small body and jaws fit perfectly in your hand and into tight places
- Controls positioned for one hand operation
- Accurate low current measurements
- Backlight available on most models
- Auto shut-off
- Display hold
- Includes batteries, test leads, instruction card, safety sheet and carrying case
- Safety rating: IEC 1010-2-031, 600 V CAT III
- Three-year warranty on 330 Series, two-year warranty on 320 Series

Fluke 337 Premium Clamp Meter

- Rugged
- CAT III 600 V
- Inrush
- Compact



Specifications (@23 °C ± 5 °C RH 0 to 90 %) – 320 & 330 Series

Fluke 320 and 330 Series Clamp Meters offer an impressive array of innovative features with current ranges up to 1000 A. Choose the model that matches the jobs you do.

	Fluke 321	Fluke 322	Fluke 333	Fluke 334	Fluke 335	Fluke 336	Fluke 337
~A	Range	to 400.0 A	40.00 A/ 400.0 A	to 400.0 A	to 600.0 A	to 600.0 A	to 999.9 A
	Accuracy	1.8 % + 5 counts (50 to 60 Hz)	1.8 % + 5 counts (50 to 60 Hz)	2 % + 5 counts (50 to 60 Hz)	2 % + 5 counts (50 to 60 Hz)	2 % + 5 counts (50 to 60 Hz)	2 % + 5 counts (10 to 100 Hz)
	AC response	Averaging	Averaging	Averaging	Averaging	True-rms	True-rms
-A	Integration time	–	–	–	100 mS	100 mS	100 mS
	Range	–	–	–	–	0 to 600.0 A	0 to 999.9 A
	Accuracy	–	–	–	–	2 % + 3 counts	2 % + 3 counts
~V	Range	400.0 V/ 600.0 V	400.0 V/ 600.0 V	to 600.0 V	to 600.0 V	to 600.0 V	to 600.0 V
	Accuracy	1.2 % + 5 counts (50 to 400 Hz)	1.2 % + 5 counts (50 to 400 Hz)	1 % + 5 counts (50/60 Hz)	1 % + 5 counts (50/60 Hz)	1 % + 5 counts (50/60 Hz)	1 % + 5 counts (20 to 100 Hz)
	AC response	Averaging	Averaging	Averaging	Averaging	True-rms	True-rms
-V	Range	–	400.0 V/ 600 V	to 600.0 V	to 600.0 V	to 600.0 V	to 600.0 V
	Accuracy	–	1 % + 5 counts	1 % + 5 counts	1 % + 5 counts	1 % + 5 counts	1 % + 5 counts
	AC response	–	–	–	–	–	–
Ω	Range	to 400.0 Ω	to 400.0 Ω	to 600.0 Ω	600.0 Ω/ 6000 Ω	600.0 Ω/ 6000 Ω	600.0 Ω/ 6000 Ω
	Accuracy	1 % + 5 counts	1 % + 5 counts	1.5 % + 5 counts	1.5 % + 5 counts	1.5 % + 5 counts	1.5 % + 5 counts
Hz	Continuity	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω
	Range	–	–	–	–	–	to 400 Hz
Size	Accuracy	–	–	–	–	–	0.5 % + 5 counts
	MIN/MAX	–	–	–	–	–	Yes
Size	Backlight	–	–	–	Yes	Yes	Yes
	Display hold	Yes	Yes	Yes	Yes	Yes	Yes
	H x W x D	7.5 x 2.5 x 1.4 in	7.5 x 2.5 x 1.4 in	9.4 x 3.1 x 1.6 in	9.4 x 3.1 x 1.6 in	9.4 x 3.1 x 1.6 in	9.9 x 3.1 x 1.6 in
	Max wire dia.	1 in	1 in	1.2 in	1.2 in	1.2 in	1.2 in
	Weight	8 oz	8 oz	11 oz	11 oz	11 oz	11 oz

Models 321 & 322
Operating temperature: -14 °F to 122 °F (-10 °C to 50 °C)
Altitude: 2,000 meters
Battery life: (2) AAA carbon zinc approximately 100 hours continuous, automatic low battery indicator
Safety rating: IEC 1010-2-031, 600 V CAT III
Temperature de-rating: < 18 °C, > 28 °C add 0.1 x specified accuracy /°C
Storage temperature: -22 °F to 140 °F (-30 °C to 60 °C)
Two-year warranty

Models 333, 334, 335, 336 & 337
Operating temperature: -14 °F to 122 °F (-10 °C to 50 °C)
Altitude: 2,500 meters
Battery life: (2) AA alkaline approximately 150 hours continuous, automatic low battery indicator
Safety rating: IEC 1010-2-031, 600 V CAT III
Temperature de-rating: Add 0.1 x specified accuracy for each °C above 28 °C or below 18 °C
Storage temperature: -40 °F to 140 °F (-40 °C to 60 °C)
Three-year warranty



Recommended accessories – 320 & 330 Series



Included accessories

Soft carrying case, test leads, (2) batteries, instruction card, safety information

Ordering information

Fluke 321 Fluke 335
 Fluke 322 Fluke 336
 Fluke 333 Fluke 337
 Fluke 334

For more information and detailed specifications, go to www.fluke.com/clamps