

TECHNICAL DATA

Fluke 302+ Digital Clamp Meter



AC CURRENT MEASUREMENT UP TO 400 A

Measure AC current up to 400 A for diagnosing electrical problems such as overloading, short circuits, and faulty wiring

AC/DC VOLTAGE UP TO 600 V

Suitable for a wide range of applications with CAT IV 300 V/CAT III 600 V safety rating

ESSENTIAL MEASUREMENT FUNCTIONS

Troubleshoot electrical issues in a wide range of systems with AC current, AC/DC voltage, resistance, and continuity functions

Fluke quality, reliability, and accuracy within your reach

The Fluke 302+ is a high-quality average responding digital clamp meter made to fit the way you work. It is the perfect first pass troubleshooting tool: small enough to fit in a work bag, tough enough to withstand daily use, and extremely simple to use. All without compromising safety. Don't let its size fool you — for everyday applications, where True-RMS accuracy isn't needed, the Fluke 302+ delivers reliable measurements time after time.

With its ability to measure AC current up to 400 amps, as well as AC/DC voltage and resistance, the Fluke 302+ can handle a wide range of applications such as troubleshooting a breaker that keeps tripping, measuring circuit loads, identifying breakers, and diagnosing motor health.

Key features:

- Compact, easy-to-use clamp meter with 30 mm large jaw taking measurements on large conductors
- Measure high AC current loads up to 400 A for a wide range of applications
- High accuracy of 1.8 % for troubleshooting tasks
- Backlit display giving you more visibility in both dimly and brightly lit areas
- CAT IV 300 V/CAT III 600 V safety rating provides confidence and peace of mind
- Comes with Fluke TL75 Hard Point™ Test Lead Set for general purpose applications
- Standard two-year warranty

General specifications

AC current	
Range	400.0 A
Accuracy	1.8 % ± 5
AC voltage	
Range	600.0 V
Accuracy	1.5 % ± 5
DC voltage	
Range	600.0 V
Accuracy	1.0 % ± 5
Resistance	
Range	400.0/4000 Ω
Accuracy	1 % ± 5
Continuity	≤ 70 Ω
Backlight display	Yes
Data Hold	Yes
Size	
H x W x D (mm)	207 x 75 x 34
Jaw size	30 mm
Safety rating	CAT III 600 V/ CAT IV 300 V
Operating temperature	0 ~ 40 °C
Screen refresh rate	> 2 times/sec.
Test leads	TL75
Battery	2 AAA batteries
Warranty	Two-years

Available Models

Model	Description
FLUKE-302+	Fluke 302+ CAT III Digital Clamp Meter, Fluke TL75 Hard Point™ Test Lead Set, 2 AAA batteries (installed), 2-year warranty

