

370 Series Clamp Meters

Be ready for anything

Our new family of true-rms clamp meters provides a range of state-of-the-art features to meet even the most demanding job requirements.

All four of the new clamp meters have improved base features such as a large, backlit display, true-rms standard, CAT IV

safety rating and a durably constructed body. Additionally, the 376, 375 and 374 are compatible with the iFlex flexible current probe (included with the 376, sold separately for the 375 and 374), and provide increased measurement readings to 1000 A and 1000 V AC and DC.

Features

	373	374	375	376
True-rms	●	●	●	●
AC current	●	●	●	●
AC voltage	●	●	●	●
Resistance	●	●	●	●
Continuity	●	●	●	●
DC volts	●	●	●	●
DC current		●	●	●
Frequency			●	●
Low pass filter			●	●
Inrush current mode		●	●	●
18-inch iFlex Flexible Current Probe		Optional	Optional	Included
10-inch iFlex Flexible Current Probe		Optional	Optional	Optional

Specifications

Functions	Range	373	374	375	376
Current AC	0 to 600.0 A	2% ± 5 counts	2% ± 5 counts	2% ± 5 counts	
	0 to 999.9 A				2% ± 5 counts
Current DC	0 to 600.0 A		2% ± 5 counts	2% ± 5 counts	
	0 to 999.9 A				2% ± 5 counts
Voltage AC	0 to 600.0 V	1% ± 5 counts	1.5% ± 5 counts	1.5% ± 5 counts	1.5% ± 5 counts
Voltage DC	0 to 600.0 V	1% ± 5 counts	1% ± 5 counts	1% ± 5 counts	
	0 to 1000 V				1% ± 5 counts
Resistance range		0 to 6000 Ω	0 to 6000 Ω	0 to 6000 Ω	0 to 60 kΩ
Jaw opening		32 mm	34 mm	34 mm	34 mm
Max. wire size		750 MCM	750 MCM	750 MCM	750 MCM
Frequency measurement range				500 Hz	500 Hz



Fluke 376 (with i2500)



Fluke 375 Fluke 374 Fluke 373



Fluke i2500



True RMS

Included Accessories

18-inch iFlex™ flexible current Probe (Fluke 376), test leads, soft carrying case, instruction card, safety information sheet, two AA alkaline batteries.

Ordering Information

- Fluke 376 True-rms AC/DC Clamp Meter with iFlex™
- Fluke 375 True-rms AC/DC Clamp Meter
- Fluke 374 True-rms AC/DC Clamp Meter
- Fluke 373 True-rms AC Clamp Meter
- i2500-10 iFlex™ Flexible Current Probe 25 cm
- i2500-18 iFlex™ Flexible Current Probe 45 cm

iFlex™ Flexible Current Probe

The Fluke iFlex flexible current probes expand the measurement range of select Fluke meters to 2500 A AC and allow technicians to reach crowded spaces.

- Expands the measurement range to 2500 A AC while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access
- Compatible to Fluke 374, 375, 376 and 381
- CAT IV 600 V, CAT III 1000 V
- 7.5 mm coil diameter allows measurement in tight spaces
- Ergonomic design allows easy operation with one hand
- 1.8 m cable
- Three-year warranty

Recommended Accessories



TL223-1
See page 145



AC285
See page 147



TL175
See page 147