

FLUKE

1000 V CAT III
600 V CAT IV

**True
RMS**

376 True-rms AC/DC Clamp Meter with iFlex™

Work horse clamps with increased performance and flexibility

The new Fluke 376 Clamp Meter offers improved performance perfect for a wide range of current measurement situations.

With true-rms ac voltage and current measurements, the Fluke 376 can read up to 1000 V and 1000 A in both ac and dc modes.

Additionally, the Fluke 376 includes the new iFlex™ flexible current probe expanding the measurement range to 2500 A ac while providing increased display flexibility, ability to measure around awkward sized conductors and improved wire access. The Fluke 376 is the direct replacement for the Fluke 337 Clamp Meter.



Measurement capability:

- 1000 A ac and dc current measurement with fixed jaw
- 2500 A ac current measurement with iFlex™ flexible current probe
- 1000 V ac and dc voltage measurement
- True-rms ac voltage and current for accurate measurements on non-linear signals
- Frequency measurement to 500 Hz with both jaw and iFlex™
- 60 kΩ resistance measurement with continuity detection
- Min, max, average and inrush recording to capture variations automatically
- 500 mV dc measurement range to interface with other accessories
- 1000 μF capacitance measurement

Order information:

TJ00004 - FLUKE 376 TRUE-RMS AC/DC CLAMP METER WITH IFLEX
Included clamp meter, 18-inch iFlex™ probe, test leads, soft case, users manual



Specifications:

FLUKE 376	RANGE	RESOLUTION	ACCURACY
AC CURRENT VIA JAW	999.9 A	0.1 A	2% ± 5 digits
AC CURRENT VIA IFLEX™	2500 A	0.1 A	3% ± 5 digits
DC CURRENT	999.9 A	0.1 A	2% ± 5 digits
AC VOLTAGE	1000V	0.1 V	1.5% ± 5 digits
DC VOLTAGE	1000V	0.1 mV	1% ± 5 digits
RESISTANCE	60,000 Ω	0.1 Ω	1% ± 5 digits
FREQUENCY	500 Hz	0.1 Hz	0.5% ± 5 digits
CAPACITANCE	1000 μF	1 μF	1% ± 4 digits
TRUE-RMS		•	
CONTINUITY		•	
HOLD		•	
BACKLIGHT		•	
MIN/MAX/AVG		•	
INRUSH		•	
LOW PASS FILTER		•	
18 IN IFLEX FLEXIBLE™ CURRENT PROBE		Included	
10 IN IFLEX FLEXIBLE™ CURRENT PROBE		Accessory	
WIRE CAPACITY	750 MCM or 2-500 MCM		
SAFETY RATING	CAT III 1000 V, CAT IV 600 V		

Features:

- iFlex™ flexible current probe expands the measurement range to 2500 A ac while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access
- CAT IV 600 V, CAT III 1000 V safety rating
- Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings
- Soft carrying case
- Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it
- Ergonomic design fits in your hand and can be used while wearing personal protective equipment
- Large, easy to read, backlight display automatically sets the correct measurement range so you do not need to change switch positions while taking a measurement
- Three-year warranty

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