

FLUKE®



# 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:

TJ000004 - 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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