

# 374 and 375 True-rms AC/DC Clamp Meters

Work horse clamps with increased performance and flexibility

## Technical Data

The new Fluke 374 and 375 clamp meters offer improved performance perfect for many current measurement situations. With true-rms ac voltage and current measurements, the Fluke 374 and 375 can read up to 600 V and 600 A in both ac and dc modes. Additionally, both are compatible with the new iFlex™ flexible current probe (sold separately) which expands the measurement range to 2500 A ac and provides increased display flexibility, ability to measure around awkward sized conductors and improved wire access.



### Measurement capability

- 600 A ac and dc current measurement with fixed jaw
- 2500 A ac current measurement with iFlex™ flexible current probe (sold separately)
- 600 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™ (Fluke 375 only)
- Resistance measurement to 60 kΩ (Fluke 375) or 6000 Ω (Fluke 374) with continuity detection
- Min, max, average and inrush recording to capture variations automatically
- 500 mV dc measurement range to interface with other accessories (Fluke 375 only)
- 1000 µF capacitance measurement

### 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 600V, CAT III 1000 V safety rating
- Integrated low pass filter (Fluke 375 only) and state of the art signal processing allows for use in noisy electrical environments while providing stable readings



- 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
- Soft carrying case

## Specifications

Fluke 374 and 375	Range	Max Resolution	Accuracy
AC current via jaw	600 A	0.1 A	2 % $\pm$ 5 digits
AC current via iFlex™ (optional)	2500 A	0.1 A	3 % $\pm$ 5 digits
DC current	600 A	0.1 A	2 % $\pm$ 5 digits
AC voltage	600 V	0.1 V	1.5 % $\pm$ 5 digits
DC voltage	600 V	0.1 mV (375) 0.1 V (374)	1 % $\pm$ 5 digits
Resistance	60,000 $\Omega$ (375) 6000 $\Omega$ (374)	0.1 $\Omega$	1 % $\pm$ 5 digits
Frequency (375 only)	500 Hz	0.1 Hz	0.5 % $\pm$ 5 digits
Capacitance	1 $\mu$ F to 1000 $\mu$ F	1 $\mu$ F	1 % $\pm$ 4 digits
True-rms		•	
Continuity		•	
Hold		•	
Backlight		•	
Min/Max		•	
Inrush		•	
Low pass filter		Fluke 375 only	
18 in iFlex™ Flexible Current Probe		Optional accessory	
10 in iFlex™ Flexible Current Probe		Optional accessory	
Wire capacity		750 MCM or 2-500 MCM	
Safety rating		CAT III 1000 V, CAT IV 600 V	

Models	Feature Changes
Old model: Fluke 337	
<b>New model: Fluke 376</b>	Includes all 337 features plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• iFlex™ 2500 A ac</li> <li>• 1000 V ac/dc</li> </ul>
Old model: Fluke 336	
<b>New model: Fluke 375</b>	Includes all 336 features plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• Optional iFlex™ 2500 A ac</li> <li>• mV dc</li> </ul>
<b>New model: Fluke 374</b>	Includes all 336 features (except low pass filter) plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> </ul>
Old model: Fluke 335	
<b>New model: Fluke 374</b>	Includes all 335 features plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• Optional iFlex™ 2500 A ac</li> </ul>
<b>New model: Fluke 373</b>	Includes all 335 features (except inrush) plus: <ul style="list-style-type: none"> <li>• CAT IV 300 V, CAT III 600 V</li> <li>• 1000 <math>\mu</math>F</li> </ul>
Old model: Fluke 334	
<b>New model: Fluke 374</b>	Includes all 334 features plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• Optional iFlex™ 2500 A ac</li> <li>• True-rms</li> </ul>
<b>New model: Fluke 373</b>	Includes all 334 features (except inrush) plus: <ul style="list-style-type: none"> <li>• CAT IV 300 V, CAT III 600 V</li> </ul>
Old model: Fluke 333	
<b>New model: Fluke 373</b>	Includes all 333 features plus: <ul style="list-style-type: none"> <li>• CAT IV 300 V, CAT III 600 V</li> <li>• True-rms</li> </ul>

## Ordering information

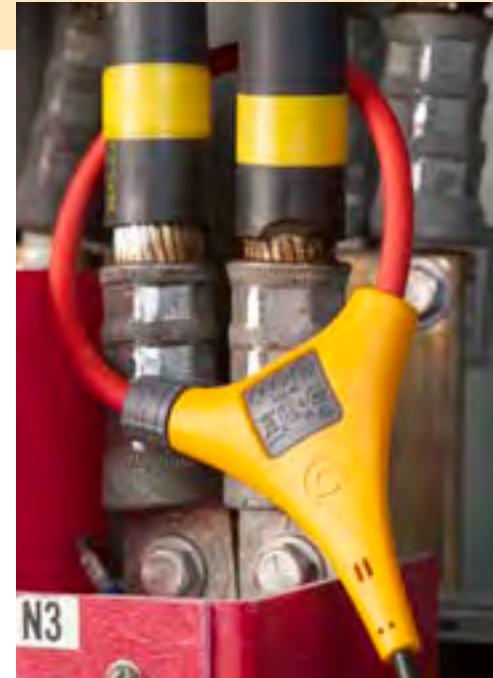
**374** True-rms AC/DC Clamp Meter

**375** True-rms AC/DC Clamp Meter

## Optional accessories

**i2500-10** iFlex™ Flexible Current Probe, 10 inches

**i2500-18** iFlex™ Flexible Current Probe, 18 inches



**Fluke.** Keeping your world up and running.®

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