

Introducing the latest additions to the most advanced family of clamp meters ever.

With the newest additions to our family of clamp meters, we provide a range of state-of-the-art features that meet even the most demanding job requirements.

Faced with crowded cabinets? Our 365 model offers a small, detachable jaw, while four other models can use our flexible current probe, called the iFlex, to squeeze between tightly packed wires or around large conductors.

Need an extra hand? The 381 includes a detachable display that easily allows for remote measurements.

All six of our new clamp meters have improved base features such as a large, backlit display, true-rms standard and a durably constructed body. Additionally, five of our models are CAT IV rated.

In short, innovation meets safety in this truly flexible family of clamp meters, all designed with you in mind. We are committed to making your life easier.

Comparison Chart

	Fluke 381	Fluke 376	Fluke 375	Fluke 374	Fluke 373	Fluke 365
iFlex™ flexible current probe	Included	Included	Compatible	Compatible	–	–
AC current (jaw)	Range	999.9 A	999.9 A	600.0 A	600.0 A	200.0 A
	Accuracy	2 % ± 5 digits	2 % ± 5 digits	2 % ± 5 digits	2 % ± 5 digits	2 % ± 5 digits
AC current (iFlex™)	Range	2500.0 A	2500.0 A	2500.0 A	2500.0 A	–
	Accuracy	3 % ± 5 digits	3 % ± 5 digits	3 % ± 5 digits	3 % ± 5 digits	–
DC current	Range	999.9 A	999.9 A	600.0 A	600.0 A	200.0 A
	Accuracy	2 % ± 5 digits	2 % ± 5 digits	2 % ± 5 digits	2 % ± 5 digits	2 % ± 5 digits
AC voltage	Range	1000.0 V	1000.0 V	600.0 V	600.0 V	600.0 V
	Accuracy	1.5 % ± 5 digits	1.5 % ± 5 digits	1.5 % ± 5 digits	1.5 % ± 5 digits	1 % ± 5 digits
DC voltage	Range	1000.0 V	1000.0 V	600.0 V	600.0 V	600.0 V
	Accuracy	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits	2 % ± 5 digits
Resistance	Range	60,000 Ω	60,000 Ω	60,000 Ω	6000 Ω	600 Ω
	Accuracy	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits
Frequency	5-500 Hz	5-500 Hz	5-500 Hz	–	–	–
mV dc range	–	Yes	Yes	–	–	–
Continuity	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω
Capacitance	–	1 μF to 1000 μF	1 μF to 1000 μF	1 μF to 1000 μF	10 μF to 1000 μF	–
Remote display	Yes	–	–	–	–	–
AC response	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms
Inrush	Yes	Yes	Yes	Yes	–	–
Backlight	Yes	Yes	Yes	Yes	Yes	Yes
Data hold	Yes	Yes	Yes	Yes	Yes	Yes
Min/Max/Avg	Yes	Yes	Yes	Yes	–	–
Low pass filter	Yes	Yes	Yes	–	–	–
H x W x D (mm)	280 x 88 x 50	248 x 85 x 45	248 x 85 x 45	248 x 85 x 45	232 x 85 x 45	225 x 65 x 46
Max wire diameter	34 mm (750 MCM)	34 mm (750 MCM)	34 mm (750 MCM)	34 mm (750 MCM)	32 mm (750 MCM)	18 mm
Weight (g)	540	375	375	375	370	275
Category rating	CAT IV 600 V, CAT III 1000 V	CAT IV 600 V, CAT III 1000 V	CAT IV 600 V, CAT III 1000 V	CAT IV 600 V, CAT III 1000 V	CAT IV 300 V, CAT III 600 V	CAT III 600 V
Warranty	3-year	3-year	3-year	3-year	3-year	3-year

Fluke Corporation is the world leader in the manufacture, distribution and service of electronic test tools and software. In the area of clamp meters, Fluke has been at the forefront of the industry, combining innovative design and precision performance with rugged durability and utmost safety. Which is why, around the world, Fluke clamp meters are used more than any other.

Fluke Corporation
P.O. Box 9090
Everett, WA USA 98206
Web: www.fluke.com

Fluke Europe B.V.
P.O. Box 1186
5602 BD Eindhoven
The Netherlands
Web: www.fluke.eu

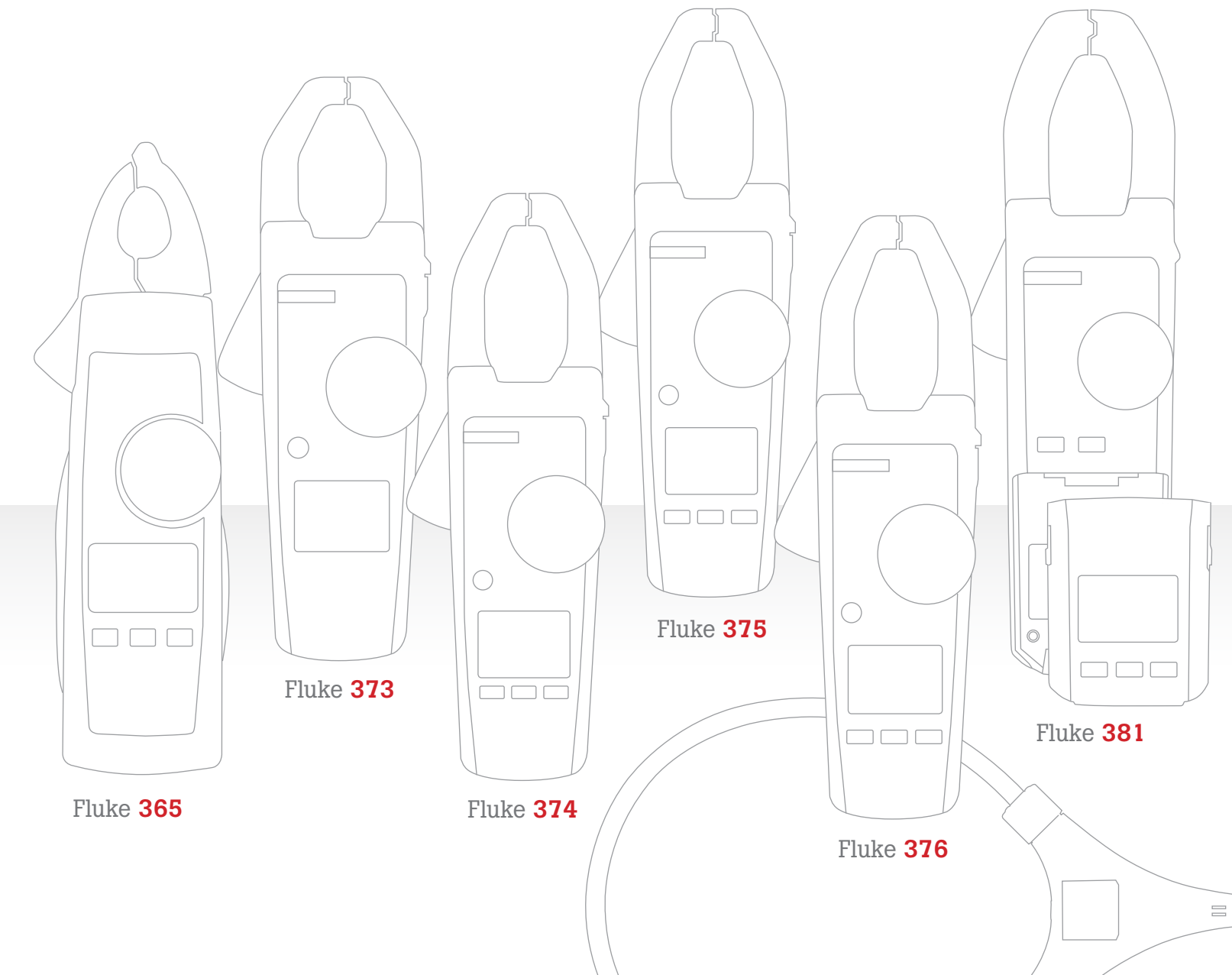
For more information call:
In the U.S.A. (800) 443-5853
or Fax (425) 446-5116
In Europe/M-East/Africa +31 (0)40 2 675 200
or Fax +31 (0)40 2 675 222
In Canada (905) 890-7600
or Fax (905) 890-6866
From other countries +1 (425) 446-5500
or Fax +1 (425) 446-5116

Fluke (UK) Ltd.
52 Hurricane Way
Norwich
Norfolk
NR6 6JB
United Kingdom
Tel.: (020) 7942 0700
Fax: (020) 7942 0701
E-mail: industrial@uk.fluke.nl
Web: www.fluke.co.uk

© Copyright 2010 Fluke Corporation. All rights reserved. Printed in the Netherlands. Data subject to alteration without notice.
10/2010 3690012A B-EN. Pub_ID: 11677-eng

Thin jaw.
Detachable head.
Flexible probe.
Remote display.
Now you can be ready for anything.

**The Fluke 365
Clamp Meter with
detachable jaw**



Fluke 365

Fluke 373

Fluke 374

Fluke 375

Fluke 376

Fluke 381

365

The Fluke 365 Clamp Meter with detachable jaw

The **Fluke 365** offers a small, detachable jaw—with four feet of coil—that allows you to take current measurements in tight or hard-to-reach places.

- Small jaw with detachable head
- 200 A ac and dc current measurement
- 600 V ac and dc voltage measurement
- True-rms ac voltage and current
- 6000 Ω resistance measurement
- CAT III 600 V safety rating
- Three-year warranty



Features a small, detachable jaw



374

The Fluke 374 Clamp Meter, iFlex™ compatible

The **Fluke 374** features dc current capability, a larger jaw, and is iFlex compatible with inrush and min/max /avg readings. A true-rms meter, the 374 is CAT IV 600 V, CAT III 1000 V rated so you can work wherever the job takes you.

- iFlex flexible current probe compatible
- 600 A ac and dc current measurement with fixed jaw
- 2500 A ac current measurement with iFlex (sold separately)
- 600 V ac and dc voltage measurement
- True-rms ac voltage and current
- 6000 Ω resistance measurement
- Min/Max/Avg and inrush recording
- 1000 μF capacitance measurement
- CAT IV 600 V, CAT III 1000 V safety rating
- Three-year warranty



Compatible with the new iFlex™ attachment



376

The Fluke 376 Clamp Meter with iFlex™ iFlex™

A truly state-of-the-art attachment, the iFlex is a flexible current probe that allows you to take current measurements in crowded cabinets, between tightly packed wires or of large conductors that don't fit within a typical clamp jaw. The **Fluke 376 with iFlex**: Now nothing is beyond your reach.

- iFlex flexible current probe included, 18-inch circumference
- 2500 A ac current measurement with iFlex
- 1000 A ac current measurement with fixed jaw
- 1000 V ac and dc voltage measurement
- True-rms ac voltage and current
- Frequency measurement to 500 Hz
- 60-k Ω resistance measurement
- Min/Max/Avg and inrush recording
- 500 mV dc measurement range
- 1000 μF capacitance measurement
- CAT IV 600 V, CAT III 1000 V safety rating
- Three-year warranty



iFlex™ flexible current probe

373

The Fluke 373 Clamp Meter

The **Fluke 373** offers everything you need in a day-to-day clamp meter. As durable as it is competitively priced, this Fluke model brings the basic clamp meter to a whole new level.

- 600 A ac current measurement
- 600 V ac and dc voltage measurement
- True-rms ac voltage and current
- 6000 Ω resistance measurement
- 1000 μF capacitance measurement
- CAT IV 300 V, CAT III 600 V safety rating
- Three-year warranty



Large, backlight display improves viewing capabilities

375

The Fluke 375 Clamp Meter, iFlex™ compatible

Taking everything the 373 and 374 offer, the **Fluke 375** also comes with resistance range, frequency measurement to 500 Hz, mV dc to enable use with accessories, and integrated low pass noise filter.

- iFlex flexible current probe compatible
- 600 A ac and dc current measurement with fixed jaw
- 2500 A ac current measurement with iFlex (sold separately)
- 600 V ac and dc voltage measurement
- True-rms ac voltage and current
- Frequency measurement to 500 Hz
- 60 k Ω resistance measurement
- Min/Max/Avg and inrush recording
- 500 mV dc measurement range
- 1000 μF capacitance measurement
- CAT IV 600 V, CAT III 1000 V safety rating
- Three-year warranty



Advanced measurement features

381

The Fluke 381 Clamp Meter with iFlex™ and remote display

The **Fluke 381** Clamp Meter combines iFlex flexibility with remote reading capability. The iFlex current probe measures large conductors and provides access in tight spaces. The detachable digital display allows you to attach the meter in one place and take the reading in another, up to 30 feet away. It's like being in two places at once. CAT IV 600 V, CAT III 1000 V rated, the Fluke 381 combines innovation with safety.

- Detachable digital display, read measurements up to 30 feet away
- iFlex flexible current probe included, 18-inch circumference
- 2500 A ac current measurement with iFlex
- 1000 A ac and dc current measurement with fixed jaw
- 1000 V ac and dc voltage measurement
- True-rms ac voltage and current
- Frequency measurement to 500 Hz
- 60-k Ω resistance measurement
- Min/Max/Avg and inrush recording
- CAT IV 600 V, CAT III 1000 V safety rating
- Three-year warranty



Detachable digital display