

**FLUKE®**



## **Connected Solutions**

### **2017-2018 Test Tools Catalog**



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

# Clamp meter selection guide

	Residential/commercial electrical			General purpose		
	323	324	325	365	373	374 FC
<b>Measurements</b>						
AC current	•	•	•	•	•	•
AC voltage	•	•	•	•	•	•
Resistance	•	•	•	•	•	•
Continuity	•	•	•	•	•	•
DC volts	•	•	•	•	•	•
DC current			•	•		•
True-rms	•	•	•	•	•	•
Frequency			•			
AC + DC voltage						
AC + DC current						
Min/Max/Avg						•
4-20 mA (0.01 mA resolution)						
Temperature		•	•			
Capacitance		•	•		•	•
Measurement logging						
<b>Special features</b>						
Inrush current mode						•
Low Pass filter for VFD's						
Harmonics, power, data logging						
18-inch (45.7 cm) iFlex Flexible Current Probe						Optional
10-inch (25.4 cm) iFlex Flexible Current Probe						Optional
Remote display						in phone app
Wireless						•
<b>Display</b>						
Display hold	•	•	•	•	•	•
Backlight		•	•	•	•	•
Graphing display						in phone app
<b>Specifications</b>						
Jaw opening	30 mm (1.18 in)	30 mm (1.18 in)	30 mm (1.18 in)	18 mm (0.7 in)	32 mm (1.26 in)	34 mm (1.33 in)
Max wire size	300 mm <sup>2</sup>	300 mm <sup>2</sup>	300 mm <sup>2</sup>	17 mm (0.67 in)	400 mm <sup>2</sup>	400 mm <sup>2</sup>
Current range ac rms	0 to 400.0 A	0 to 400.0 A/ 400.0 A	0 to 400.0 A/ 400.0 A	0 to 200.0 A	0 to 600.0 A	0 to 600.0 A (2500 A with iFlex)
Accuracy ac current (50/60 Hz)	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts
AC Response	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms
Current range dc			0 to 400.0 A/ 400.0 A	0 to 200 A		0 to 600.0 A
Accuracy dc current			2 % ± 5 counts	2 % ± 5 counts		2 % ± 5 counts
Voltage range ac	0 to 600.0 V	0 to 600.0 V	0 to 600.0 V	0 to 600.0 V	0 to 600.0 V	0 to 1000 V
Accuracy ac voltage	1.5 % ± 5 counts	1.5 % ± 5 counts	1.5 % ± 5 counts	2 % ± 5 counts	1 % ± 5 counts	1.5 % ± 5 counts
Voltage range dc	0 to 600.0 V	0 to 600.0 V	0 to 600.0 V	0 to 600.0 V	0 to 600.0 V	0 to 1000 V
Accuracy dc voltage	1.0 % ± 5 counts	1.0 % ± 5 counts	1.0 % ± 5 counts	2 % ± 5 counts	1 % ± 5 counts	1 % ± 5 counts
Resistance range	0 to 4000 Ω	0 to 4000 Ω	0 to 40 kΩ	0 to 6000 Ω	0 to 6000 Ω	0 to 6000 Ω
Frequency measurement range			5 Hz to 500 Hz			
<b>Unit power</b>						
Auto off	•	•	•		•	•
<b>Warranty and safety</b>						
Warranty (years)	2	2	2	3	3	3
Safety rating (EN 61010)	CAT IV 300 V, CAT III 600 V	CAT IV 300 V, CAT III 600 V	CAT IV 300 V, CAT III 600 V	CAT III 600 V	CAT III 600 V, CAT IV 300 V	CAT III 1000 V, CAT IV 600 V
<b>Fluke Connect</b>						
Compatible with Fluke Connect® app						•
Compatible with Fluke Connect® Assets software						•

Find how-to videos, application notes, and other useful resources on the clamp meter product pages on [www.fluke.com](http://www.fluke.com)

General purpose	Industrial electrical		HVAC/R	High-end industrial, utility		Leakage	Wireless		
	375 FC	376 FC	381	902 FC	353	355	368 FC/369 FC	a3000 FC	a3001 FC
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•			
•	•	•	•	•	•	•			
•	•	•	•	•	•	•			
•	•	•	•	•	•	•			
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•			•
•	•	•	•	•	•	•			
•	•	•	•	•	•	•			
•	•	•	•	•	•	•			
Optional	Included	Included							Optional
Optional	Optional	Optional							Included
in phone app	in phone app	•	in phone app				in phone app	in phone app	in phone app
•	•		•				•	•	•
•	•	•	•	•	•	•		in phone app	in phone app
•	•	•	•	•	•	•		•	
in phone app	in phone app		in phone app				in phone app	in phone app	in phone app
34 mm (1.33 in)	34 mm (1.33 in)	34 mm (1.33 in)	30 mm (1.2 in)	58 mm (2.3 in)	58 mm (2.3 in)	40 mm (1.5 in)/61 mm (2.4 in)	34 mm (1.33 in)	254 mm (10 in) coil	
400 mm <sup>2</sup>	400 mm <sup>2</sup>	400 mm <sup>2</sup>	300 mm <sup>2</sup>	400mm <sup>2</sup> or 3x 240 mm <sup>2</sup>	400mm <sup>2</sup> or 3x 240 mm <sup>2</sup>		400 mm <sup>2</sup>		
0 to 600.0 A (2500 A with iFlex)	0 to 999.9 A (2500 A with iFlex)	0 to 999.9 A (2500 A with iFlex)	0 to 600.0 A	0 to 1400 A	0 to 1400 A	0 to 60 A	0 to 400A	0 to 2500A	
2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	1.5 % ± 5 counts	1.5 % ± 5 counts	1 % ± 5 counts	2 % ± 5 counts	3 % ± 5 counts	
True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	True-rms	
0 to 600.0 A	0 to 999.9 A	0 to 999.9 A	0 to 200 µA	0 to 2000 A	0 to 2000 A				
2 % ± 5 counts	2 % ± 5 counts	2 % ± 5 counts	1 % ± 5 counts	1.5 % ± 5 counts	1.5 % ± 5 counts				
0 to 1000 V	0 to 1000 V	0 to 1000 V	600.0 V		0 to 600.0 V				
1.5 % ± 5 counts	1.5 % ± 5 counts	1.5 % ± 5 counts	1 % ± 5 counts		1 % ± 5 counts				
0 to 1000 V	0 to 1000 V	0 to 1000 V	0 to 600.0 V		0 to 1000 V				
1 % ± 5 counts	1 % ± 5 counts	1 % ± 5 counts	1 % ± 5 counts		1 % ± 5 counts				
0 to 6000 Ω	0 to 60 kΩ	0 to 60 kΩ	0 to 60 kΩ		0 to 400 kΩ				
500 Hz	500 Hz	500 Hz		5 to 1000 Hz	5 to 1000 Hz	40 to 1000 Hz			
•	•	•	•	•	•	•	•	•	
3	3	3	3	3	3	1	3	3	
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 600 V, CAT IV 300 V	CAT III 1000 V, CAT IV 600 V	CAT III 1000 V, CAT IV 600 V	CAT III 600 V	CAT III 600 V	CAT III 1000 V, CAT IV 600 V	
•	•		•			•	•	•	
•	•		•			•	•	•	

# CLAMP METERS



## Fluke 370 Series Clamp Meters

### Unprecedented measurement flexibility

The Fluke 370 FC Series clamp meters offer advanced troubleshooting performance plus Fluke Connect features to log and transmit data wirelessly.

Now you are able to log and trend measurements (the 376 FC and 375 FC have internal memory for up to 65,000 measurements), capture measurements outside the arcflash zone with Bluetooth® connectivity to your Apple® or Android® devices, transmit results wirelessly via the Fluke Connect Measurements app, and create and send reports right from the field.

The Fluke 370 FC Series Clamp Meters have a large backlit display, true-rms standard, CAT IV safety rating and a durably constructed body. Additionally, the 376 FC, 375 FC and 374 FC are compatible with the iFlex® Flexible Current Probe that measure up to 2500a ac.



### Ordering information

Models	Included accessories
FLUKE-373 True-rms Wireless AC Clamp Meter	Test leads, soft carrying case, instruction card, safety information sheet, two AA alkaline batteries.
FLUKE-374 FC True-rms Wireless AC/DC Clamp Meter	Test leads, soft carrying case, instruction card, safety information sheet, two AA alkaline batteries.
FLUKE-375 FC True-rms Wireless AC/DC Clamp Meter	Test leads, soft carrying case, instruction card, safety information sheet, two AA alkaline batteries.
FLUKE-376 FC True-rms Wireless AC/DC Clamp Meter with iFlex	18-inch (45.7 cm) iFlex flexible current probe, test leads, TPAK magnetic hanging strap, soft carrying case, instruction card, safety information sheet, two AA alkaline batteries.

Find how-to videos, application notes, and other useful resources on the clamp meter product pages on [www.fluke.com](http://www.fluke.com)

## Fluke 320 Series True-rms Clamp Meters

### Go to work with the best

The small and rugged 320 Series True-rms Clamp Meters are the best general troubleshooting tools for commercial and residential electricians and are designed to verify the presence of load current, ac voltage and continuity of circuits, switches, fuses and contacts. The Fluke 325 also offers dc current and frequency measurements.

- 400 A ac current measurement (ac and dc current; 325 only) and 600 V ac and dc voltage measurement
- Resistance measurement to up to 40 kΩ (325) and 4 kΩ (323 and 324) with continuity
- CAT IV 300 V/CAT III 600 V safety rating

### Ordering information

Models	Included accessories
FLUKE-325 True-rms Clamp Meter	Test leads, temperature probe, soft case and users manual
FLUKE-324 True-rms Clamp Meter	Test leads, temperature probe, soft case and users manual
FLUKE-323 True-rms Clamp Meter	Test leads, soft case and users manual

### Recommended accessories

Fluke 370 Series	Fluke 370 Series	Fluke 320 Series	Fluke 320 Series
i2500-10 10 inch (25.4 cm) iFlex® Flexible Current Probe	C43 Small Soft Case	TL175 TwistGuard™ Test Leads	L210 Probe Light and Extender

See our NEW products on pages 7 and 8!





## Fluke 381 Remote Display True-rms AC/DC Clamp Meter with iFlex®

### The world's most advanced clamp meter

The Fluke 381 Clamp Meter combines iFlex® flexibility with remote reading capability for the ultimate in innovation and safety. The remote display reads measurements up to 9 m (30 feet) away and the included iFlex Flexible current probe (18-inch/45.7 cm circumference) lets you easily get into tight spaces.

- 2500 A ac current measurement with iFlex
- 1000 A ac and dc current measurement with fixed jaw
- 1000 V ac and dc voltage measurement
- Frequency measurement to 500 Hz
- 60 kΩ resistance measurement
- Min/Max/Avg and inrush recording
- CAT IV 600 V, CAT III 1000 V
- Three-year warranty



### Ordering information

Models	Included accessories
FLUKE-381 Remote Display True-rms AC/DC Clamp Meter with iFlex	18-inch (45.7 cm) iFlex Flexible Current Probe, test leads, soft carrying case, instruction card, safety information sheet, five AA alkaline batteries

## Fluke 365 Detachable Jaw True-rms AC/DC Clamp Meter

### Where rugged meets reliable

The Fluke 365 Clamp Meter offers a small, detachable jaw—with 1.2 m of coil—that makes it easy to take and read measurements in tight or hard-to-reach places.

- 200 A ac and dc current measurement
- 600 V ac and dc voltage measurement
- 6000 Ω resistance measurement
- Built-in flashlight
- Large, easy-to-read backlight display
- Three-year warranty



### Ordering information

Models	Included accessories
FLUKE-365 Detachable Jaw True-rms AC/DC Clamp Meter	Test leads, soft carrying case, instruction card, safety information sheet, five AA alkaline batteries

### Recommended accessories

Fluke 381	Fluke 381	Fluke 365	Fluke 365
AC285 SureGrip™ Alligator Clips	TLK289 Industrial Master Test Lead Set	TL220 SureGrip™ Industrial Test Lead Set	FTPL-1 SureGrip™ Fused Test Probe and Lead Set



# CLAMP METERS



## Fluke 902 FC True-rms Wireless HVAC Clamp Meter



### Helps HVAC pros keep up with the demands of their job

HVAC technicians require a service tool they can depend on to consistently meet the expectations of their job. The Fluke 902 FC expands the existing line of quality Fluke clamp meters by delivering the features necessary to diagnose and repair HVAC systems. Combined with Fluke Connect®, the Fluke 902 FC helps technicians do their jobs safely and accurately.

- Capture and trend measurements safely from outside the arc blast zone and easily create and send reports from the field with Fluke Connect®
- Designed for HVAC applications with capacitance, dc current (µA) and temperature measurements
- Small body and jaws fit perfectly in your hand and into tight places
- True-rms voltage and current for accurate measurements of non-linear signals
- Three-year warranty

### Ordering information

Models	Included accessories
FLUKE-902 FC True-rms Wireless HVAC Clamp Meter	Test leads, temperature probe, soft carrying case, users manual, two AA alkaline batteries



## Fluke 368 FC/369 FC AC True-rms Leakage Current Clamp Meter

### Reduce downtime – Test leakage currents without taking equipment offline

The Fluke 368/369 Series of true-rms leakage current clamp meters help users detect, document, record and compare leakage current readings over time as a means of preventing unplanned downtime, and identifying intermittent GFCI and RCD trips, all without taking equipment off line.

### Current measurement

- Automatic ranging within the manually selected mA or A range
- Ranges 3/30 mA and 30/60 A
- Current resolution 1 µA/0.01 mA and 0.01 A/0.1 A
- Selectable filter 40 Hz to 70 Hz or wideband 40 Hz to 1 kHz
- Frequency range 40 Hz to 1 kHz
- Jaw size: 40 mm (1.55 in) on 368 FC and 61 mm (2.4 in) on 369 FC
- Auto power off
- Torch light
- Logging
- Fluke Connect compatible



### Ordering information

Models	Included accessories
FLUKE-368 FC AC Leakage Current Clamp Meter	Soft carrying case, users manual
FLUKE-369 FC AC Leakage Current Clamp Meter	Soft carrying case, users manual

### Recommended accessories

<p><b>AC220</b> SureGrip™ Alligator Clips</p>	<p><b>AC175</b> Alligator Clip Set</p>	<p><b>TL224</b> SureGrip™ Insulated Test Leads</p>	<p><b>C33</b> Soft Carrying Case</p>
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## Wireless Fluke Connect® Current Meters

### Take three-phase measurements in one-third of the time

Testing 3-phase is now faster and cheaper. When your cabinet is de-energized, attach the 3000 FC Wireless Current Clamp to each phase. You can solve problems faster by seeing live measurements from multiple test points on a single screen. Then, send data to your laptop and go from logging to analysis and diagnosis using the Fluke Connect® app or Fluke Connect® Assets software.

#### Fluke a3000 FC Wireless AC Current Clamp Meter

A fully functional true-rms current clamp meter that wirelessly relays measurements to other Fluke Connect® enabled master units.

- Measure up to 400 A ac

#### Fluke a3001 FC Wireless iFlex AC Current Meter

A true-rms flexible current meter that wirelessly relays measurements to other Fluke Connect enabled master units.

- Record over time to monitor circuit load changes for an hour, a shift or a week
- Measure up to 2500 A ac

#### Fluke a3002 FC Wireless AC/DC Current Meter Module

- Measure up to 400 A ac or 400 A dc with i410 (sold separately)
- Measure up to 600 A ac or 1000 A dc with i1010 (sold separately)
- Use as a standalone meter or as part of the system

#### Fluke a3003 FC Wireless 2000 A DC Current Clamp Meter

- Measure up to 2000 A DC
- Large jaw size (64 mm) for measuring large, high current conductors
- Use the logging function for the recording and saving up to 65,000 readings

#### Fluke a3004 FC Wireless 4-20 mA DC Current Meter

- Measure 4 to 20 mA signals without “breaking the loop”
- Detachable clamp with extension cable for measurements in tight locations
- Use the logging function for the recording and saving up to 65,000 readings

### Ordering information

Models	Included accessories
FLK-a3000 FC Wireless AC Current Clamp Meter	Information pack
FLK-a3001 FC Wireless iFlex AC Current Meter	iFlex current probe, information pack, magnetic hanger
FLK-a3002 FC Wireless AC/DC Current Meter Module	Information pack, magnetic hanger
FLK-a3003 FC Wireless 2000 A DC Current Clamp Meter	2000 A DC Clamp, information pack, magnetic hanger
FLK-a3004 FC Wireless 4-20 mA DC Current Meter	4-20 mA DC current probe, information pack, hanging strap



Fluke a3003 FC Wireless 2000 A DC Current Clamp Meter



Fluke a3004 FC Wireless 4-20 mA DC Current Meter



## Fluke 353 and 355 AC/DC True-rms Clamp Meters

### Versatile, professional, accurate

Confidently take reliable readings with the true-rms Fluke 355 and 353 Clamp Meters—the tools of choice for high current clamp-on amp meter measurements up to 2000 A.

- Reliably handle a wide range of high-current applications with 2000 A ac + dc true-rms, 1400 A ac, and 2000 A dc
- High voltage measurement of 1000 V ac + dc true-rms, 600 V ac, and 1000 V dc (355 only)
- Resistance to 400 k $\Omega$  (355 only)
- Continuity beeper (355 only)
- Frequency measurement to 1 kHz
- Selectable low-pass filter mode
- Min/Max/Avg

### Ordering information

Models	Included accessories
FLUKE-355 AC/DC True-rms Clamp Meter	Soft carrying case, users manual
FLUKE-353 AC/DC True-rms Clamp Meter	Soft carrying case, users manual



### Recommended accessories

<p><b>Fluke 350 Series</b></p>  <p><b>TL175</b> TwistGuard™ Test Leads</p>	<p><b>Fluke 350 Series</b></p>  <p><b>80TK</b> Thermocouple Module</p>	<p><b>Fluke 350 Series</b></p>  <p><b>C345</b> Large Soft Case</p>	<p><b>Fluke 350 Series</b></p>  <p><b>C1600</b> Gear Tool Box</p>
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Your authorized Fluke distributor

**FLUKE**

## We're listening

Fluke has always listened to our customers and built the tools you want. Our ideas and the things that drive our intense development process, come straight from the job site and pros like you. Help us keep innovating, share your thoughts with us and with your peers. Visit our social media sites, tell us your ideas, tell us your stories, tell us what you think.

Fluke Connect®  
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Clamp Meters  
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Earth Ground Testers  
Installation Testers  
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Digital Thermometers  
Thermal Imagers  
Distance Meters  
Indoor Air Quality Tools  
ScopeMeter® Test Tools  
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Accessories

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