
New Product Announcement – FSEA

(Fluke-381, Fluke-37X Series and Fluke-365)

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Inferior products?

Frustrated customers?

Unique needs?

Now you can be ready for anything. Or anyone.

Introducing the most advanced family of clamp meters – ever.

The new line of Fluke clamp meters, address all your customers' needs. Electricians and technicians have been waiting for new clamps from Fluke. They're here, and once again Fluke tools show innovation and real world, on-the-job understanding of your customers. Giving them what they have come to expect from Fluke – quality, ruggedness and innovation. Giving you another reason to go out and sell clamps.

Customers face issues, such as the following, on a daily basis:

- Tight cabinets and bundled wires that make it difficult to use a regular clamp meter
- Large or awkward conductors a regular clamp meter can't get around to measure
- Needing a co-worker's help to get a measurement
- Wanting to measure more than 1000 A ac

The new clamp meters will address all of these common problems, plus more - reducing your customers' frustrations and addressing their unique needs - all with the quality and accuracy they can only get from Fluke tools. We stand behind our products, only making the best, so you and your customers know you're getting Fluke quality today and every day.

Who uses them?	What are they used on?
<ul style="list-style-type: none"> ○ Industrial Maintenance technicians ○ Control technicians ○ Electricians – in house ○ Electrical and HVAC contractors 	<ul style="list-style-type: none"> ▪ Industrial equipment ▪ Industrial controls ▪ Electrical systems ▪ Commercial/Industrial HVAC

Our primary customers are focused in three areas:

1. Service: Repairing existing systems on an “as needed” basis
2. Installation: Troubleshooting installation problems, performing final circuit tests, and supervising apprentice electricians while installing electrical equipment
3. Maintenance: Performing scheduled and preventative maintenance as well as troubleshooting of systems

Clamps are also used broadly in a wide variety of other applications including:

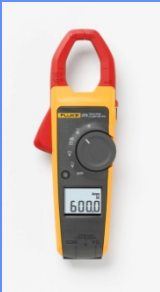

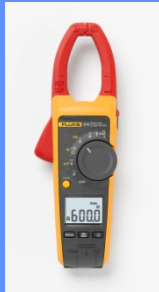



The SIM segment electrician working in:

Industrial Plants
 Process Industries
 Facilities and Commercial Building Maintenance
 Service Organizations

These electricians often work as:

Electrical Contractors
 Customer Service Engineers
 Utility Meter Technicians
 Engineers

How many models are there and what is the difference between them?

Fluke 373	Fluke 374	Fluke 375	Fluke 376	Fluke 381	Fluke 365
					
Base Model: 600 A ac True-rms Capacitance CAT III 600 V, CAT IV 300 V	All features of Fluke 373 plus: CAT III 1000 V, CAT IV 600V 600 A dc current Inrush Min/Max/Avg Extended jaw +iFlex capability	All features of Fluke 374 plus: 60 k Ω Resistance range +Frequency measurement, +mV dc + Low pass filter	All features of the Fluke 375 plus: 1000 A ac and dc Resistance range + 1000 V ac and dc range + iFlex flexible current probe	Most features of Fluke 376 plus: Remote Display Does not include: Capacitance mV dc	Basic troubleshooting tool featuring: 200 A ac and dc True-rms Detachable jaw Built in flashlight Cat III 600V

What are the specifications?

		Fluke381	Fluke376	Fluke375	Fluke374	Fluke373	Fluke 365
AC current (jaw)	Range	999.9A	999.9A	600.0A	600.0A	600.0A	200.0A
	Accuracy	2%±5 digits	2%±5 digits	2%±5 digits	2%±5 digits	2%±5 digits	2%±5 digits
iFlex flexible current probe		included	included	Compatible	Compatible	-	-
AC current (iFlex)	Range	2500A	2500A	2500A	2500A	-	-
	Accuracy	3%±5 digits	3%±5 digits	3%±5 digits	3%±5 digits	-	-
DC current	Range	999.9A	999.9A	600.0A	600.0A	-	200.0A
	Accuracy	2%±5 digits	2%±5 digits	2%±5 digits	2%±5 digits	-	2%±5 digits
AC voltage	Range	1000V	1000V	600V	600V	600V	600V
	Accuracy	1.5%±5 digits	1.5%±5 digits	1.5%±5 digits	1.5%±5 digits	1%±5 digits	1.5%±5 digits
DC voltage	Range	1000V	1000V	600V	600V	600V	600V
	Accuracy	1%±5 digits	1%±5 digits	1%±5 digits	1%±5 digits	1%±5 digits	1%±5 digits
mV dc range		-	500mV	500mV	-	-	-
Resistance	Range	60,000 Ω	60,000 Ω	60,000 Ω	6000 Ω	6000 Ω	6000 Ω
	Accuracy	1%±5 digits	1%±5 digits	1%±5 digits	1%±5 digits	1%±5 digits	1%±5 digits
Capacitance	Range	-	1 to 1000uF	1 to 1000uF	1 to 1000uF	10 to 1000uF	-
	Accuracy	-	1.0%±4 digits	1.0%±4 digits	1.0%±4 digits	1.9%±2 digits	-
Continuity		≤30Ω	≤30Ω	≤30Ω	≤30Ω	≤30Ω	≤30Ω
Frequency		5-500 Hz	5-500 Hz	5-500 Hz	-	-	-
Remote Display		Yes	-	-	-	-	-
AC response		True-rms	True-rms	True-rms	True-rms	True-rms	True-rms
Backlight		Yes	Yes	Yes	Yes	Yes	Yes
Data hold		Yes	Yes	Yes	Yes	Yes	Yes
Min/Max/Avg		Yes	Yes	Yes	Yes	-	-
Inrush		Yes	Yes	Yes	Yes	-	-
Size	H X W X D (mm)	280x88x50	248x85x45	248x85x45	248x85x45	232x85x45	225x65x46
	Max wire dia.	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 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 600 V	CAT III 600 V CAT IV 300 V	CAT III 600 V
Warranty		Three years	Three years	Three years	Three years	Three years	Three years

Top 3 selling points of the new Fluke clamps:

Product	Unique Selling Points		
373	True-rms and state of the art signal processing allows for use in noisy electrical environments while providing stable readings on non-linear signals	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	Capacitance for troubleshooting start and run motor capacitors
374	600 A ac and dc current measurement and CAT III 1000 V, CAT IV 600 V safety rating allows you to work wherever the job takes you	Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it	Compatible with iFlex flexible current probe to expand the measurement range to 2500 A ac while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access
375	Increased measurement functionality with increased resistance range, frequency measurement and mV dc to interface with other accessories	Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings	
376	2500 A ac current measurement with iFlex flexible current probe (included)	1000 A ac and dc current measurement with fixed Jaw	1000 V ac and dc voltage measurement
381	Wireless technology allows the display to be carried up to 30 ft. away from the point of measurement for added flexibility without interference with measurement accuracy	2500 A ac current measurement with iFlex flexible current probe (included)	The removable magnetic display can be conveniently mounted where it is easily seen
365	Small, detachable jaw makes accessing wires and viewing the display easier	True-rms 200 A ac and dc current measurement	Built in flashlight/torch allows for easy illumination and identification of wires
I2500-10/18	Allows upgrade of compatible meters to 2500 A ac current measurement capability	ability to measure awkward sized conductors and improved wire access	6 ft cable provides increased display flexibility,

The current Fluke line of 33X clamps will be replaced by these new clamps. This conversion chart shows you which new models replace the old ones.

Old Model	New Model	Features Changes
337	376	All 337 features plus: - CAT IV 600 V safety rating - iFlex current probe - Increased voltage range to 1000 V - mV DC measurement range - Increased resistance range - Capacitance
336	375	All 336 features plus: - CAT IV 600 V safety rating - iFlex current probe option - mV dc measurement range - Increased resistance range - Capacitance - Min/Max/Avg
	374	All 336 features <u>except low pass filter</u> plus: - CAT IV 600 V safety rating - iFlex current probe option - Capacitance - Min/Max/Avg
335	374	All 335 features plus: - 600A DC Current Capability - CAT IV 600 V Safety Rating - iFlex Current Probe Option - Increased Resistance Range - Capacitance - Min/Max/Avg
	373	All 335 Features <u>except inrush</u> plus: - CAT IV 300 V Safety Rating - Capacitance
334	374	All 334 features plus: - True-rms - 600A AC and DC Current Capability - CAT IV 600 V Safety Rating - iFlex Current Probe Option - Increased Resistance Range - Capacitance - Min/Max/Avg
	373	All 334 features <u>except inrush</u> plus: - True-rms - 600A AC current capability - CAT IV 300 V safety rating - Capacitance
333	373	All 333 features plus: - True-rms - 600A AC current - CAT IV 300 V safety rating - Capacitance - Increased resistance range

**Customer questions you may encounter:**

Q: Why is Fluke coming out with an entire new line of clamp meters?

A: They are updating their line to better address your needs. This new line of clamps is more diverse and offers new innovations such as the remote display and the iFlex coil, which will make your job easier.

Q: Fluke clamps are frequently more expensive than others in the market. Why is that and are they really worth the price?

A: Fluke clamps are quality products, with superior accuracy, durability and ruggedness. While other clamps may be less expensive, they don't usually stand the test of time. Fluke clamp meters consistently provide accurate results without breaking or wearing out. You get what you pay for, and Fluke tools are worth the money.

Q: Why are there so many new models?

A: There are six new models because every professional has a unique set of needs and challenges. This is a complete clamp line designed to address any situation you, or one of your peers, may encounter.

Q: These are made in China. How does this affect the quality of the product?

A: Yes, they are made in China, but they are designed, engineered and tested in the United States, so they are built with the same quality you expect of all Fluke tools.

Q: Does the remote display really work? How far can you separate the display from the body?

A: The remote display can be separated 30 feet from the body of the clamp. The accuracy of the reading is not compromised by the distance, so you can maintain the integrity of your measurement safely, and without having to wait for a co-worker to help you.

