

Fluke Clamp Meters

Five new models offer an impressive array of innovative features with TRMS current ranges up to 2500A, TRMS voltage ranges to 1000V.



- Measure to 1000A with fixed jaws, 2500A with flexible current probe
- Designed for one hand operation
- Removable display for remote reading up to 30 ft away (381)
- DCV & DCA measurements (most models)
- Integrated VFD low pass filter
- Datalogging & wireless data transfer (FC models)
- Frequency to 500Hz
- Large, backlit display with data hold
- In-rush current function for measuring starting current
- Auto shut-off maximizes battery life

SPECIFICATIONS

	Fluke 373	Fluke 374FC	Fluke 375FC	Fluke 376FC	Fluke 381
AC response	True-rms	True-rms	True-rms	True-rms	True-rms
AC amps (jaw)	600.0 A	600.0 A	600.0 A	999.9 A	999.9 A
Accuracy	2% ± 5 counts (48-62 Hz)	2% ± 5 counts (10-100 Hz)	2% ± 5 counts (10-100 Hz)	2% ± 5 counts (10-100 Hz)	2% ± 5 counts (10-100 Hz)
Crest factor	2.5 @ 600 A	2.5 @ 600 A	3 @ 500 A 2.5 @ 600 A	3 @ 500 A 1.42 @ 1000 A	3 @ 500 A 1.42 @ 1000 A
Flexible current probe	-	compatible	compatible	included	included
AC amps (probe)	-	2500 A	2500 A	2500 A	2500 A
Accuracy	-	3% ± 5 counts (5-500 Hz)	3% ± 5 counts (5-500 Hz)	3% ± 5 counts (5-500 Hz)	3% ± 5 counts (45-500 Hz)
AC volts	600.0 V	1000 V	1000 V	1000 V	1000 V
Accuracy	1% ± 5 counts (48-62 Hz)	1.5% ± 5 counts (20-500 Hz)	1.5% ± 5 counts (20-500 Hz)	1.5% ± 5 counts (20-500 Hz)	1.5% ± 5 counts (20-500 Hz)
DC amps	-	600.0 A	600.0 A	999.9 A	999.9 A
Accuracy	2% ± 5 counts	2% ± 5 counts	2% ± 5 counts	2% ± 5 counts	2% ± 5 counts
DC volts	600.0 V	1000V	1000 V	1000 V	1000 V
Accuracy	1% ± 5 counts	1% ± 5 counts	1% ± 5 counts	1% ± 5 counts	1% ± 5 counts
mV range	-	-	500.0 mV	500.0 mV	-
Resistance	6000 Ω	6000 Ω	60k Ω	60k Ω	60k Ω
Accuracy	1% ± 5 counts	1% ± 5 counts	1% ± 5 counts	1% ± 5 counts	1% ± 5 counts
Continuity Beeper	<30 Ω	<30 Ω	<30 Ω	<30 Ω	<30 Ω
Capacitance	10-1000 μF	1-1000 μF	1-1000 μF	1-1000 μF	-
Frequency	-	-	5-500 Hz	5-500 Hz	5-500 Hz
Remote Display	-	-	-	-	yes
Max Wire Diameter (jaw)	750 MCM	750 MCM	750 MCM	750 MCM	750 MCM
Inrush	-	yes	yes	yes	yes
VFD Low Pass Filter	-	-	yes	yes	yes
Datalogging	-	yes	yes	yes	-
Fluke Connect	-	yes	yes	yes	-
Size HxWxD (mm)	232 x 85 x 45	248 x 85 x 45	248 x 85 x 45	248 x 85 x 45	280 x 88 x 50
Rating	CAT III 600V CAT IV 300V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V



Operating Temperature: -10°C to 50°C (14 °F to 122 °F)
Warranty: 3 years

OPTIONAL ACCESSORIES

- i2500-10 iFlex Flexible Current Probe 10"
- i2500-18 iFlex Flexible Current Probe 18"

ORDERING INFORMATION

- Fluke 373 600A True RMS AC Clamp Meter
- Fluke 374FC 600A True RMS AC/DC Clamp Meter
- Fluke 375FC 600A True RMS AC/DC Clamp Meter
- Fluke 376FC 1000A TRMS Clamp Meter with 18" iFlex probe
- Fluke 381 Remote Display TRMS Clamp Meter with 18" iFlex probe

New Model	Changes from Older Fluke Model
Fluke 376FC	Includes all 337 features plus: • CAT IV 600 V, CAT III 1000 V • iFlex™ 2500 A ac • 1000 V ac/dc • mV dc • 60 kΩ • 1000 μF
Fluke 375FC	Includes all 336 features plus: • CAT IV 600 V, CAT III 1000 V • Optional iFlex™ 2500 A ac • mV dc • 60 kΩ • 1000 μF • Min/Max/Avg
Fluke 374FC	Includes all 335 features plus: • CAT IV 600 V, CAT III 1000 V • Optional iFlex™ 2500 A ac • 600 A ac/dc • 1000 μF • Min/Max/Avg
Fluke 374FC	Includes all 334 features plus: • CAT IV 600 V, CAT III 1000 V • Optional iFlex™ 2500 A ac • True-rms • 600 A ac/dc • 1000 μF • Min/Max/Avg
Fluke 373	Includes all 333 features plus: • CAT IV 300 V, CAT III 600 V • True-rms • 600 A ac • 6000 Ω • 1000 μF