

Quick Reference Guide

New Fluke Clamp Meters. Be Ready for Anything.

Old model	New model	Feature changes
Fluke 337	Fluke 381	Includes all 337 features plus: • Detachable display • 1000 V ac/dc • CAT IV 600 V, CAT III 1000 V • 60 kΩ • iFlex 2500 A dc • Min/Max/Avg
	Fluke 376	Includes all 337 features plus: • CAT IV 600 V, CAT III 1000 V • 1000 μF • 60 kΩ • iFlex 2500 A dc • 1000 V ac/dc • Min/Max/Avg • mV dc
Fluke 336	Fluke 375	Includes all 336 features plus: • CAT IV 600 V, CAT III 1000 V • 60 kΩ • Optional iFlex 2500 A ac • 1000 μF • mV dc • Min/Max/Avg
	Fluke 374	Includes all 336 features (except low pass filter) plus: • CAT IV 600 V, CAT III 1000 V • 1000 μF • Optional iFlex 2500 A ac • Min/Max/Avg
Fluke 335	Fluke 374	Includes all 335 features plus: • CAT IV 600 V, CAT III 1000 V • 1000 μF • Optional iFlex 2500 A ac • Min/Max/Avg • 600 A ac/dc
	Fluke 373	Includes all 335 features (except inrush) plus: • CAT IV 300 V, CAT III 600 V • 1000 μF
Fluke 334	Fluke 374	Includes all 334 features plus: • CAT IV 600 V, CAT III 1000 V • 600 A ac/dc • 1000 μF • Optional iFlex 2500 A ac • True-rms • Min/Max/Avg
	Fluke 373	Includes all 334 features (except inrush) plus: • CAT IV 300 V, CAT III 600 V • True-rms • 1000 μF
Fluke 333	Fluke 373	Includes all 333 features plus: • CAT IV 300 V, CAT III 600 V • 6000 Ω • True-rms • 1000 μF • 600 A ac

		Fluke 381	Fluke 376	Fluke 375	Fluke 374	Fluke 373
AC current (jaw)	Range	999.9 A	999.9 A	600.0 A	600.0 A	600.0 A
	Accuracy	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	2500 A	2500 A	2500 A	2500 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	–
	Accuracy	2 % ± 5 digits	2 % ± 5 digits	2 % ± 5 digits	2 % ± 5 digits	–
AC voltage	Range	1000 V	1000 V	600 V	600 V	600 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 V	1000 V	600 V	600 V	600 V
	Accuracy	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits
mV dc range		–	500 mV	500 mV	–	–
Resistance	Range	60,000 Ω	60,000 Ω	60,000 Ω	6000 Ω	6000 Ω
	Accuracy	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits	1 % ± 5 digits
Capacitance	Range	–	1 µF to 1000 µF	1 µF to 1000 µF	1 µF to 1000 µF	10 µF to 1000 µF
	Accuracy	–	1.9 % ± 2 digits	1.9 % ± 2 digits	1.9 % ± 2 digits	1.9 % ± 2 digits
Continuity		≤ 30 Ω	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω	≤ 30 Ω
Frequency		5 Hz to 500 Hz	5 Hz to 500 Hz	5 Hz to 500 Hz	–	–
Remote display		Yes	–	–	–	–
AC response		True-rms	True-rms	True-rms	True-rms	True-rms
Backlight		Yes	Yes	Yes	Yes	Yes
Data hold		Yes	Yes	Yes	Yes	Yes
Min/Max/Avg		Yes	Yes	Yes	Yes	–
Inrush		Yes	Yes	Yes	Yes	–
Size	HxWxD (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
	Max wire dia.	34 mm (750 MCM)	34 mm (750 MCM)	34 mm (750 MCM)	34 mm (750 MCM)	32 mm (750 MCM)
	Weight (g)	540	375	375	375	370
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
Warranty		Three-year	Three-year	Three-year	Three-year	Three-year