

## Quick Reference Guide

New Fluke Clamp Meters. Be Ready for Anything.

Old model	New model	Feature changes
<b>Fluke 337</b>	<b>Fluke 381</b>	Includes all 337 features plus: <ul style="list-style-type: none"> <li>• Detachable display</li> <li>• 1000 V ac/dc</li> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• 60 k<math>\Omega</math></li> <li>• iFlex 2500 A dc</li> <li>• Min/Max/Avg</li> </ul>
	<b>Fluke 376</b>	Includes all 337 features plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• 1000 <math>\mu</math>F</li> <li>• 60 k<math>\Omega</math></li> <li>• iFlex 2500 A dc</li> <li>• 1000 V ac/dc</li> <li>• Min/Max/Avg</li> <li>• mV dc</li> </ul>
<b>Fluke 336</b>	<b>Fluke 375</b>	Includes all 336 features plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• 60 k<math>\Omega</math></li> <li>• Optional iFlex 2500 A ac</li> <li>• 1000 <math>\mu</math>F</li> <li>• mV dc</li> <li>• Min/Max/Avg</li> </ul>
	<b>Fluke 374</b>	Includes all 336 features (except low pass filter) plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• 1000 <math>\mu</math>F</li> <li>• Optional iFlex 2500 A ac</li> <li>• Min/Max/Avg</li> </ul>
<b>Fluke 335</b>	<b>Fluke 374</b>	Includes all 335 features plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• 1000 <math>\mu</math>F</li> <li>• Optional iFlex 2500 A ac</li> <li>• Min/Max/Avg</li> <li>• 600 A ac/dc</li> </ul>
	<b>Fluke 373</b>	Includes all 335 features (except inrush) plus: <ul style="list-style-type: none"> <li>• CAT IV 300 V, CAT III 600 V</li> <li>• 1000 <math>\mu</math>F</li> </ul>
<b>Fluke 334</b>	<b>Fluke 374</b>	Includes all 334 features plus: <ul style="list-style-type: none"> <li>• CAT IV 600 V, CAT III 1000 V</li> <li>• 600 A ac/dc</li> <li>• 1000 <math>\mu</math>F</li> <li>• Optional iFlex 2500 A ac</li> <li>• True-rms</li> <li>• Min/Max/Avg</li> </ul>
	<b>Fluke 373</b>	Includes all 334 features (except inrush) plus: <ul style="list-style-type: none"> <li>• CAT IV 300 V, CAT III 600 V</li> <li>• True-rms</li> <li>• 1000 <math>\mu</math>F</li> </ul>
<b>Fluke 333</b>	<b>Fluke 373</b>	Includes all 333 features plus: <ul style="list-style-type: none"> <li>• CAT IV 300 V, CAT III 600 V</li> <li>• 6000 <math>\Omega</math></li> <li>• True-rms</li> <li>• 1000 <math>\mu</math>F</li> <li>• 600 A ac</li> </ul>

		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