

## 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>• 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>• Optional iFlex 2500 A ac</li> <li>• 1000 <math>\mu</math>F</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<br>CAT IV 600 V | CAT III 1000 V<br>CAT IV 600 V | CAT III 1000 V<br>CAT IV 600 V | CAT III 1000 V<br>CAT IV 600 V | CAT III 600 V<br>CAT IV 300 V |
| Warranty                     |               | Three-year                     | Three-year                     | Three-year                     | Three-year                     | Three-year                    |