

381 Remote Display True-rms AC/DC Clamp Meter with iFlex™

The first clamp meter with a detachable, remote display for easier, faster, safer measurements

Technical Data

The new Fluke 381 does everything you would expect from a clamp meter, and then lets you remove the display for even more flexibility. Now one technician can do jobs that used to require two people; clamp the Fluke 381 around a conductor, remove the display and walk across the room to operate controls or remove protective equipment, all while watching real-time readings. The new iFlex™ flexible current probe (included) expands the measurement range to 2500 A ac while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access.

New



True RMS

Measurement capability

- 1000 A ac and dc current measurement with fixed jaw
- 2500 A ac current measurement with iFlex™ flexible current probe
- 1000 V ac and dc voltage measurement
- True-rms ac voltage and current for accurate measurements on non-linear signals
- Frequency measurement to 500 Hz with both jaw and iFlex™
- 60 kΩ resistance measurement with continuity detection
- Min, max, average and inrush recording to capture variations automatically

Features

- 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
- iFlex™ flexible current probe expands the measurement range to 2500 A ac while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access
- CAT IV 600V, CAT III 1000 V safety rating
- Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings



- Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it
- Ergonomic design fits in your hand and can be used while wearing personal protective equipment
- The removable magnetic display can be conveniently mounted where it is easily seen
- Radio transmitter automatically turns off when the display is connected to the meter
- 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
- Three-year warranty
- Soft carrying case

Specifications

| Fluke 381 | Range | Resolution | Accuracy |
|---------------------------------------|----------|----------------------------|------------------|
| AC current via jaw | 999.9 A | 0.1 A | 2 % ± 5 digits |
| AC current via iFlex™ | 2500 A | 0.1 A | 3 % ± 5 digits |
| DC current | 999.9 A | 0.1 A | 2 % ± 5 digits |
| AC voltage | 1000 V | 0.1 V | 1.5 % ± 5 digits |
| DC voltage | 1000 V | 0.1 V | 1 % ± 5 digits |
| Resistance | 60,000 Ω | 0.1 Ω | 1 % ± 5 digits |
| Frequency | 500 Hz | 0.1 Hz | 0.5 % ± 5 digits |
| True-rms | | • | |
| Continuity | | • | |
| Hold | | • | |
| Backlight | | • | |
| Min/Max | | • | |
| Inrush | | • | |
| Low pass filter | | • | |
| Removable wireless display | | • | |
| 18 inch iFlex™ Flexible Current Probe | | Included | |
| 10 inch iFlex™ Flexible Current Probe | | Accessory | |
| Wire capacity | | 750 MCM or 2-500 MCM | |
| Safety rating | | CAT III 1000V, CAT IV 600V | |

Ordering information
381 Remote Display True-rms
Clamp Meter with iFlex™



Fluke. Keeping your world up and running.®

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