

Fluke 381 远程显示钳型表 带 iFlex™ 探头

第一款带有可分离式远程显示屏的钳型表，可更加方便、快速和安全地进行测量

新型 Fluke 381 具备普通钳表的所有功能，可拆卸的显示屏，使测量更加便捷、安全。只需将 Fluke 381 夹在导体上，卸下显示屏，就可以边操作边读数，原来需要两个人的工作，一个人就可以轻松搞定。新型 iFlex™ 柔性电流钳（随附）可以将电流量程扩展到 2500 A ac，同时使读数更加方便，能够测量尺寸不规则和拥挤的排线。

测量功能

- 固定式钳头可测量 1000 A 交 / 直流电流
- iFlex™ 柔性电流钳可测量 2500 A 交流电流
- 1000 V 交 / 直流电压测量
- 真有效值交流电压和电流测量功能，可精确测量非线性信号
- 夹钳和 iFlex™ 可测量 500 Hz 的频率
- 60 kΩ 电阻测量，具有通断检测功能
- 最小值、最大值、平均值和涌流记录，可自动捕获变化

功能特点

- 采用低功率无线技术，可将显示屏放置在距离测量点 10m 以内的地方，方便读数但不会影响精度
- iFlex™ 柔性电流钳将测量量程扩展至 2500 A ac，同时使读数更加方便，能够测量不规则和拥挤的排线
- 安全等级为 CAT IV 600V、CAT III 1000 V
- 集成有低通滤波器和最先进的信号处理功能，在噪声较高的电气环境中使用，也可以保持读数稳定
- FLUKE 专利的涌流测量技术，可过滤掉噪声，精确地捕获到电机起动电流
- 具有适合手握的人体工程学设计，可在佩戴个人防护用品的同时进行使用
- 可将可拆卸磁性显示屏方放置在容易读数的位置
- 将显示屏与钳表相连时无线功能自动关闭
- 易于读取的大号、背光照明显示屏，自动量程识别，因此测量时无需改变拨盘位置
- 3 年保修
- 软质携带包

订购信息

381 远程显示真有效值钳型表，带 iFlex™ 柔性电流钳



技术参数

Fluke 381	量程	分辨率	准确度
通过夹钳进行交流电流测量	999.9 A	0.1 A	±(2% + 5)
通过 iFlex™ 进行交流电流测量	2500 A	0.1 /1A	±(3% + 5)
直流电流	999.9 A	0.1 A	±(2% + 5)
交流电压	1000 V	0.1 V	±(1.5% + 5)
直流电压	1000 V	0.1 V	±(1% + 5)
电阻	60,000 Ω	0.1 (最高)	±(1% + 5)
频率	500 Hz	0.1 Hz	±(0.5% + 5)
真有效值		•	
通断检测		•	
保持		•	
背光照明		•	
最小值 / 最大值		•	
涌流		•	
低通滤波器		•	
远程显示屏		•	
18 英寸 iFlex™ 柔性电流钳		随附	
10 英寸 iFlex™ 柔性电流钳		可选附件	
尺寸	长宽厚	280 × 88 × 43 mm	
	最大线径	34 mm	
	重量	340g	
安全等级	CAT III 1000V、CAT IV 600V		
保修	3 年		

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

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**



Technical Data

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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