

PRODUCT ANNOUNCEMENT



Date: 19 April, 2021

Fluke-377 and Fluke-378 Non-Contact Voltage True-rms AC/DC Clamp Meters with iFlex

The first industrial clamp meters on the market that allow you to make non-contact voltage measurement accurately, without test leads, thereby enhancing safety and improving productivity.

The Fluke-377 and Fluke-378 Clamp Meters have 3 unique capabilities that set them apart from other clamp meters:

1. Voltage and Current Measurements with FieldSense™ technology
Measure true-rms voltage and current readings without making any metallic contact to a live conductor using FieldSense™- a Fluke-patented technology. The dual display allows voltage and current measurements to be viewed simultaneously.
2. Complete 3-phase measurements in quick, easy steps
No more hand-written notes or complicated math. Simply clamp the jaw over each of the three phase conductors and get a full set of phase-to-phase voltage and current measurements on the clamp.
3. Power quality indicator monitors equipment for power-related issues

The Fluke-378 includes a unique PQ that senses power quality issues related to voltage, current and power factor automatically. Now you can quickly determine if an upstream supply problem exists or if there is a downstream equipment problem.



Value Proposition

For	Industrial electricians and technicians with troubleshooting and maintenance responsibility, making electrical measurements in commercial and industrial environments
The	377 and 378 clamp meters
Are	The first industrial clamp meters on the market that allow you to make non-contact voltage measurements accurately , thereby enhancing safety and improving productivity
That	Make technicians' jobs safer, faster and easier with FieldSense technology, allowing safe and accurate voltage measurement without metallic contact
Result in	<ul style="list-style-type: none">• Accurate voltage and current measurements through the clamp jaw• Ability to view current and voltage measurements at the same time with a dual display• An easy way to automatically detect power quality issues relating to current, voltage or power factor (Fluke-378 only)

Target Audience

Who uses them?	What are they used for?
<p>The Fluke-377 and Fluke-378 clamp meters are best suited for electrical troubleshooting and maintenance workflows in many job roles including:</p> <ul style="list-style-type: none">• Electricians• Electrical contractors• HVAC technicians• Field service engineers• Maintenance technicians	<p>Tools with FieldSense are very versatile for troubleshooting and routine maintenance applications in industrial, residential and commercial establishments:</p> <ul style="list-style-type: none">• Checking if a circuit is live before starting work• Measuring individual voltages and determine component resistances up to 60 kΩ• Checking circuit loading at panelboards (including feeder cables, branch circuits, and neutrals) and the integrity of a grounding circuit• Generator / Motor / Chiller Maintenance and Troubleshooting• Installation of HVAC motor and compressor• Determining intermittent faults in assembly machinery• Identifying efficiency in motors and drives to determine motor or drive capacity

PACKAGE CONTENTS

- TL224 Test Leads
- TP175 TwistGuard™ Test Probes
- AC285 black grounding clip (1 only)
- i2500-18 iFlex® Flexible Current Probe 18 inch (48cm)
- TPAK ToolPak™ Magnetic Meter Hanger
- Premium Carrying case
- Quick reference guide



Authorised Distributor:



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