

TECHNICAL DATA

Fluke CNX™ i3000 iFlex® AC Wireless Current Module





Key features

The CNX™ i3000 iFlex® AC Wireless Current Module has all the essentials to help you conveniently take current measurements.

- iFlex® Current Probe allows you to get into tight, awkward spaces
- True-rms ac current measurements to 2500 A, with 3% accuracy
- Memory recording up to 65,000 readings
- Backlit LCD Display
- CAT IV 600 V, CAT III 1000 V

Using the optional PC adapter, the CNX™ wireless troubleshooting system can track up to 10 measurement modules simultaneously, with results downloaded for further analysis.

Product overview: Fluke CNX™ i3000 iFlex® AC Wireless Current Module

The cabinet is already jammed, and now you're supposed to fit in a current clamp, while wearing a full arc flash suit.

The CNX™ i3000 iFlex® AC Wireless Current Module gives you a better way. Deenergize. Slip the flexible current probe in between conductors. Close the cabinet and reenergize. Now you can view measurements from up to 20 meters away on the CNX™ Wireless Multimeter. Use multiple modules for easy measurements on three-phase systems. Plus, no more writing down data as the CNX™ i3000 Current Module captures up to 65,000 sets of time stamped min/max/avg readings, using the optional PC adapter. CNX™ wireless test tools also offer increased safety by letting you view readings in a separate location from the test point. Now you can take readings on moving machinery, with only the measurement module in harm's way.

Specifications: Fluke CNX™ i3000 iFlex® AC Wireless Current Module

Specifications	
Range	2500 A AC
Resolution	0.1A to 999.9, 1A from 1000 to 2500
Accuracy	3 % ± 5 digits
Crest factor (50 Hz/60 Hz)	3.0 at 1100 A, 2.5 at 1400 A, 1.42 at 2500 A, add 2 % for C.F. > 2
Display	3-1/2 digits, LCD w/backlight
Log rate/interval	1 sec minimum/adjustable by PC or front panel
Battery type	2 AA, NEDA 15 A, IEC LR6
Battery life	400 hours
Memory record	up to 65,000 readings

Unbound listen interval	5 seconds
RF communications	2.4 GHZ ISM Band
RF communication range	20 Meters
Operating temperature	-10 °C to +50 °C
Storage temperature	-40 °C to +60 °C
Operating humidity	90 % at 35 °C, 75 % at 40 °C, 45 % at 50 °C
EMC	EN 61326-1:2006
Safety compliance	EN/IEC 61010-1:2010 to 1000 V Measurement Category (CAT) III 600 V Measurement Category (CAT) IV EN/IEC 61010-2-030:2010 EN/IEC 610101-2-031:2002 EN/IEC 61010-2-032:2002
Pollution degree	2
Temperature coefficient	Add 0.1 X (specified accuracy)/ °C (<18 °C or >28 °C)
Safety rating	CAT IV 600 V, CAT III 1000 V
Certifications	CSA, FCC T68-FWCS IC:6627A-FWCS
Ingress Protection (IP) rating	IP42
Size (HxWxD)	16.5 cm x 6.35 cm x 3.56 cm (6.5 in x 2.5 in x 1.4 in)
Weight	.22 kg (8 oz)
Jaw opening	25.4 cm (10 in) coil

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03/2025

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