Fluke a3001 FC Wireless iFlex AC Current Meter

A true-rms current clamp meter that wirelessly relays measurements to other Fluke Connect™ enabled master units, listed below.

- Fluke 3000 FC DMM
- Fluke TiX560/520 Infrared Camera
- Fluke Ti200/300/400 Infrared Camera
- PC via optional pc3000 FC Adapter
- Fluke Connect Mobile app

The iFlex™ Wireless Current Meter allows you to measure around awkward sized conductors or get into tight spaces and makes wire access easier.

- Contains: One true-rms flexible current meter and one iFlex i2500-10 Flexible Current Probe
- Measure up to 2500 A ac
- Use as a standalone meter or as part of the system
- Logging function for recording and saving up to 65,000 readings
- Inrush function
- Magnetic hanging strap

a3001 FC general specifications

Range	0.5 A to 2500 A AC
Resolution	0.1 A
Accuracy	3 % ± 5 digits (5 Hz to 500 Hz)
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
LCD w/backlight	3½ digits
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
RF communications	2.4 GHZ ISM Band
RF communication range	Open air, unobstructed: Up to 20 m Obstructed, sheetrock wall: Up to 6.5 m Obstructed, concrete wall or steel electrical enclosure: Up to 3.5 m
Operating temperature	–10 °C to +50 °C
Storage temperature	–40 °C to +60 °C
Temperature coefficient	Add 0.1 X (specified accuracy)/ °C (<18 °C or >28 °C)
Operating humidity	90 % at 35 °C, 75 % at 40 °C, 45 % at 50 °C
Altitude	Operating: 2,000 m Storage: 12,000 m
EMC	EN 61326-1:2013
Safety compliance	IEC 61010-1, CAT IV 600 V, CAT III 1000 V, 3rd edition
Safety rating	CAT IV 600 V, CAT III 1000 V
Certifications	cCSAus, CE, FCC: T68-FBLE IC: 6627A-FBLE
Ingress Protection (IP) rating	IP42
Pollution degree	2
Jaw opening	25.4 cm (10 in) coil
Size (HxWxD)	16.5 cm x 6.35 cm x 1.4 cm (6.5 in x 2.5 in x 1.4 in)
Weight	.22 kg (8 oz)

(Not compatible with Fluke CNX test tools)

Ordering information

Main units:
FLK-3000FC FC Wireless Digital Multimeter

Meter modules:
FLK-A3000FC FC Wireless AC Current Clamp Meter
FLK-A3001FC FC Wireless iFlex AC Current Meter
FLK-A3002FC FC Wireless AC/DC Current Meter Module
FLK-A3003FC FC Wireless DC Current Clamp Meter
FLK-A3004FC FC Wireless DC 4–20mA Current Meter
FLK-V3000FC FC Wireless AC Voltage Meter
FLK-V3001FC FC Wireless DC Voltage Meter
FLK-T3000FC FC Wireless K-Type Temperature Meter
FLK-PC3000FC PC Adapter and Software

Kits:
FLK-3000 FC Industrial Kit Fluke 3000 FC Industrial System includes multimeter, three iFlex clamp meters, one ac voltage meter, PC adapter and desktop software, accessories
FLK-3000 FC General Maintenance Kit Fluke 3000 FC General Maintenance System includes multimeter, iFlex clamp meter, ac voltage meter, dc voltage meter, PC adapter and desktop software, accessories
FLK-3000 FC HVAC Kit Fluke 3000 FC HVAC System includes multimeter, ac current clamp meter, temperature meter, PC adapter and desktop software, accessories
FLK-T3000 FC Kit Fluke t3000 FC Kit includes multimeter, temperature meter, accessories
FLK-A3000 FC Kit Fluke a3000 FC Kit includes multimeter, ac current clamp meter, accessories
FLK-A3001 FC Kit Fluke a3001 FC Kit includes multimeter, iFlex clamp meter, accessories
FLK-V3000 FC Kit Fluke v3000 FC Kit includes multimeter, ac voltage meter, accessories
FLK-V3001 FC Kit Fluke v3001 FC Kit includes multimeter, dc voltage meter, accessories
FLK-V3003 FC Kit Fluke v3003 FC Kit includes multimeter, ac voltage meter, dc voltage meter, accessories