

# Fluke a3000 FC, a3001 FC, a3002 FC Wireless Current Clamp Modules



Fluke a3000 FC

## a3000 FC Wireless AC Current Clamp Module

A true RMS Current Clamp Meter that wirelessly relays measurements to other Fluke Connect™ enabled master units.

- Measure up to 400 A AC
- Logging function: record and save up to 65000 readings
- Use as a standalone meter or as part of a system
- Inrush function
- Weight: 0.22 kg (7.76 oz)
- Three-year warranty



Fluke a3001 FC

## a3001 FC Wireless iFlex™ AC Current Module

An iFlex™ AC Current Module that wirelessly relays measurements to other Fluke Connect™ enabled master-units. It allows you to measure around awkward sized conductors and access wires more easily in tight spaces.

- Measure up to 2500 A AC
- Logging function: record and save up to 65000 readings
- Use as a standalone meter or as part of a system
- Inrush function
- Weight: 0.22 kg (7.76 oz)
- Three-year warranty



Fluke a3002 FC

## a3002 FC Wireless AC/DC Current Module

For use with the i410 or i1010 AC/DC current clamps (sold separately). Wirelessly relay measurements from the i410 or i1010 clamp accessory to other Fluke Connect™ enabled master units.

- Measure up to 400 A AC or 400 A DC with i410
- Measure up to 600 A AC or 1000 A DC with i1010
- Use as a meter alone or as part of a system
- Record and save up to 65000 readings
- Weight: 0.25 kg (8.81 oz)
- Three-year warranty



Specifications	a3000 FC	a3001 FC	a3002 FC
Range	0.5 A to 400.0 A AC	0.5 A to 2500 A AC	up to 600 A AC and 1000 A DC (with I1010 Current Clamp)
Resolution	0.1 A		
Accuracy	400.0 A: 2 % ±5 digits (10 Hz to 100 Hz), 2.5 % ±5 digits (100 Hz to 500 Hz)	3 % ±5 digits (5 Hz to 500 Hz)	AC: 1.0 % + 3 DC: 0.5 % + 3 (45 Hz to 1000 Hz)
Inrush	Max displayed reading: 999.9 A		
Crest Factor (50Hz/60Hz)	3 at 500 A, 2.5 at 600 A, 1.42 at 1000 A, add 2% for C.F. > 2	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		3½ digits, 6000 counts, 4/sec update rate
Log rate/interval	1 sec minimum/adjustable by PC or FC App		
Battery type/life	2 AA, NEDA 15 A, IEC LR6 / 400 hours		
RF communications	2.4 GHZ ISM Band		
RF communication range	Open air, unobstructed: Up to 20 m (65 ft). Obstructed, sheetrock wall: Up to 6.5 m (21 ft). Obstructed, concrete wall or steel electrical enclosure: Up to 3.5 m (11.5 ft)		
Operating & Storage temp	-10° C to 50° C / -40° C to 60° C (14° F to 122° F / -40° F to 140° F)		
Temperature coefficient	Add 0.1 × (specified accuracy)/° C (<18° C or >28° C (<64° F or >82° F))		
Operating humidity	0% to 90% (0° C to 35° C (32° F to 95° F)), 0% to 75% (35° C to 40° C (95° F to 104° F)), 0% to 45% (40° C to 50° C (104° F to 122° F))		
EMC	EN 61326-1:2006		
Safety compliance	IEC 61010-1, 600 V CAT III, Pollution Degree 2	IEC 61010-1, 600 V CAT IV/1000 V CAT III, Pollution Degree 2	
Safety rating	CAT III 600 V	CAT IV 600 V, CAT III 1000 V	
Certifications	CSA, CE, FCC: T68-FBLE IC: 6627A-FBLE		
Ingress Protection rating	IP30	IP42	
Jaw Opening	64 mm (2.5 in)	25.4 cm (1 in) coil	
Size (H×W×D)	16.5 × 6.35 × 3.56 cm (6.5 × 2.5 × 1.4 in)	16.5 × 6.35 × 1.4 cm (6.5 × 2.5 × 0.5 in)	16.0 × 6.6 × 3.8 cm (6.3 × 2.6 × 1.5 in)
Save and record	Up to 65000 readings		

## Recommended Accessories


i410/i1010  
Current Clamp  
(for a3002 FC)

PC Adapter  
Fluke Connect™  
Wireless PC Adapter

## Recommended Kits

Bundle and Save


Fluke Wireless a3000 FC  
Current Clamp Kit

Fluke Wireless a3001 FC  
iFlex™ AC Current Kit

## Included Accessories

iFlex™ i2500 Flexible Current Probe (a3001FC), Magnetic Hanging Strap (a3002FC).

## Ordering Information

**FLK-A3000 FC** Wireless AC Current Clamp Module

**FLK-A3001 FC** Wireless iFlex™ AC Current Module

**FLK-A3002 FC** Wireless AC/DC Current Module

**FLK-A3000 FC KIT** Wireless AC Current Clamp Kit

**FLK-A3001 FC KIT** Wireless iFlex™ AC Current Kit

Contact your local distributor for price and availability.

fluke.com/wtb

Fluke Connect™

