# Fluke v3000 FC AC and v3001 FC **DC Wireless Voltage Modules**





### v3000 FC Wireless True-RMS AC Voltage Module

A fully functional true-RMS Voltage Module that wirelessly relays AC voltage measurements to other Fluke Connect™ enabled master units

Accuracy<sup>2,3,4</sup>

500 Hz to 1 kHz

- True-RMS AC Voltage Module
- Measure up to 1000 V
- · Use as a standalone meter or as part of the system
- Record and save up to 65000 readings
- Weight: 0.22 kg (7.76 oz)
- Three-year warranty

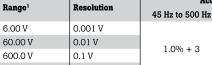
**AC Voltage** 

units.

| Fluke v3000 FC | Rai |
|----------------|-----|
| _              | 6.0 |







A fully functional DC Voltage Module that wirelessly relays DC voltage measurements to other Fluke Connect™ enabled master

• Measure up to 1000 V DC

• Weight: 0.26 kg (9.17 oz)

Three-year warranty

## 1.0% + 32.0% + 31000 V $^1$ All AC voltage ranges are specified from 1% of range to 100% of range. $^2$ Crest factor of $\le 3$ at full scale up to 500 V, decreasing linearly to crest factor $\le 1.5$ at 1000 V. <sup>3</sup> For nonsinusoidal waveforms, add -{2% of reading + 2% full scale} typical, for crest factor up to 3.

v3001 FC Wireless DC Voltage Module

· Use as a standalone meter or as part of the system

• Record and save up to 65000 readings



Fluke v3001 FC







| DC Voltage |          |            |           |  |
|------------|----------|------------|-----------|--|
| Function   | Range    | Resolution | Accuracy  |  |
| mV DC      | 600.0 mV | 0.1 mV     | 0.09% +3  |  |
| V DC       | 6.00V    | 0.001 V    |           |  |
|            | 60.00 V  | 0.01 V     | 0.09% +3  |  |
|            | 600.0 V  | 0.1 V      |           |  |
|            | 1000 V   | 1 V        | 0.15% + 2 |  |

| Specifications                 | v3000 FC / v3001 FC   |
|--------------------------------|---|
| LCD w/backlight                | 3½ digits, 6000 counts, updates 4/sec   |
| Battery type                   | 2 AA, NEDA 15A, IEC LR6   |
| Log rate/Interval              | Adjustable by PC from 1 sec to 1 hr, default 1 min  |
| 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 (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 temperature          | -10° C to +50° C (14° F to 122° F)  |
| Storage temperature            | -40° C to +60° C (-40° F to 140° F)   |
| Temperature coefficient        | 0.1 × (specified accuracy)/° C (< 18° C or > 28° C (<64° F or >82° F))  |
| Operating humidity             | 90% at 35° C (95° F), 75% at 40° C (104° F), 45% at 50° C (122° F)  |
| Altitude                       | Operating 2000 m (6561 ft), Storage 12000 m (39,370 ft)   |
| EMC                            | EN 61326-1  |
| Safety compliance              | IEC 61010-1, IEC 61010-2-030  |
| Safety rating                  | CAT IV 600 V, CAT III 1000 V  |
| Certifications                 | CSA, CE, FCC: T68-FBLE IC: 6627A-FBLE   |
| Ingress Protection (IP) rating | IP42  |
| Pollution Degree               | 2   |
| Size (H×W×D)                   | 16.5 × 6.35 × 1.4 cm (6.5 × 2.5 × 0.5 in)   |
|                                |   |

### **Recommended Accessories**





AC87 Heavy Duty Bus Bar Clip Set





PC Adapter Fluke Connect™ Wireless PC Adapter

## **Recommended Kits**

Bundle & Save



#### Fluke Wireless v3000 FC **AC Voltage Kit**



Fluke Wireless v3001 FC DC Voltage Kit



Fluke Wireless v3003 FC AC-DC **Voltage Measurement Kit** 

## **Included Accessories**

v3000 FC: TL224 Test Leads, AC285 Alligator Clips, Magnetic Hanging Strap.

v3001 FC: TL222 Test Leads, AC220 Alligator Clips, Magnetic Hanging Strap

## **Ordering Information**

FLK-V3000FC Wireless AC

Voltage Module

FLK-V3001FC Wireless DC

Voltage Module

FLK-V3000 FC Wireless AC Voltage Kit

FLK-V3001 FC Wireless DC Voltage Kit

FLK-V3003 FC Wireless AC-DC Voltage Measurement Kit

