



Fluke v3000 FC AC and v3001 FC DC Wireless Voltage Modules



Fluke v3000 FC



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.

- 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 65 000 readings
- Weight: 0.22 kg (7.76 oz)
- Three-year warranty

AC Voltage

| Range ¹ | Resolution | Accuracy ^{2,3,4} | |
|--------------------|------------|---------------------------|-----------------|
| | | 45 Hz to 500 Hz | 500 Hz to 1 kHz |
| 6.00 V | 0.001 V | 1.0% + 3 | 2.0% + 3 |
| 60.00 V | 0.01 V | | |
| 600.0 V | 0.1 V | | |
| 1000 V | 1 V | | |

¹ All AC voltage ranges are specified from 1% of range to 100% of range.
² Crest factor of ≤ 3 at full scale up to 500 V, decreasing linearly to crest factor ≤ 1.5 at 1000 V.
³ For nonsinusoidal waveforms, add -(2% of reading + 2% full scale) typical, for crest factor up to 3.
⁴ Do not exceed 10° V-Hz.



Fluke v3001 FC



v3001 FC Wireless DC Voltage Module

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

- Measure up to 1000 V DC
- Use as a standalone meter or as part of the system
- Record and save up to 65 000 readings
- Weight: 0.26 kg (9.17 oz)
- Three-year warranty

DC Voltage

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

| 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 12 000 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

AC220
SureGrip™ Alligator Clips



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 KIT Wireless AC Voltage Kit

FLK-V3001 FC KIT Wireless DC Voltage Kit

FLK-V3003 FC KIT Wireless AC-DC Voltage Measurement Kit

Fluke Connect™

