Fluke v3001 FC Wireless DC Voltage Module

A fully functional dc voltage meter that wirelessly relays dc voltage measurements to other Fluke Connect™ enabled master units, listed below.
- Fluke 3000 FC DMM
- Fluke Ti200/300/400 Infrared Camera
- PC via optional pc3000 FC Adapter
- Fluke Connect Mobile app

v3001 FC main features include:
- Measure up to 1000 V dc
- Use as a standalone meter or as part of the system
- Logging function for recording and saving up to 65,000 readings
- TL222 Test Leads
- AC220 Alligator Clips
- Magnetic hanging strap

Accuracy is specified for 1 year after calibration, at operating temperatures of 18 °C to 28 °C, with relative humidity at 0 % to 90 %. Accuracy specifications take the form of ±([% of Reading] + [Number of least significant digits]).All ranges are autoranging. Accuracy is specified from the range obtained by autoranging, from 18 °C to 28 °C.

DC voltage

Function	Range	Resolution	Accuracy
mV dc	600.0 mV	0.1 mV	0.09 % + 3
V dc	6.000 V	0.001 V	0.09 % + 3
	60.00 V	0.01 V	
	600.0 V	0.1 V	
	1000 V	1 V	0.15% + 2

v3001 FC general specifications

LCD w/backlight	3 ½ digits, 6000 counts, 4/sec update rate
Battery type	2 AA Alkaline batteries, NEDA 15A, IEC LR6
Log rate/Interval	Adjustable by PC from 1 sec to 1 hr, default 1 min
Battery life	400 hours minimum
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	0.1 X (specified accuracy)/°C (< 18 °C or > 28 °C)
Relative humidity	0 % to 90 % (0 °C to 35 °C), 0 % to 75 % (35 °C to 40 °C), 0 % to 45 % (40 °C to 50 °C)
EMC	IEC 61236-1, Portable
Safety Compliance	IEC 61010-1, 600 V CAT IV / 1000 V CAT III, 3rd edition Pollution Degree 2
Certifications	CSA, CE, FCC: T68-FBLE IC: 6627A-FBLE
Ingress Protection (IP) rating	IP42
Size (HxWxD)	160 mm x 66 mm x 38 mm (6.3 in x 2.6 in x 1.5 in)
Weight	0.255 kg (9 oz)

(Not compatible with Fluke CNX test tools)