

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

FLUKE

Fluke Connect 3000FC Wireless Digital Multimeter

The Fluke 3000FC Wireless Digital Multimeter is a professional-grade multimeter that allows users to remotely view readings and share data with the Fluke Connect mobile app. It measures AC and DC voltage to 1000V, AC and DC current to 400mA, resistance to 50MΩ, capacitance, frequency, and performs diode tests. Featuring a large display and backlight, it ensures clear readings in various conditions. Its wireless capability enables safer measurements and collaborative troubleshooting.



MODEL

Fluke 3000FC

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

3000FC

LISTING

<https://aumictechlabs.com/products/3000fc-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke Connect 3000FC Wireless Digital Multimeter is a professional-grade instrument for electrical and electronic troubleshooting that combines local measurement capability with distributed wireless monitoring. Operating as a wireless hub, it displays its own readings alongside data from up to three additional Fluke Connect wireless modules simultaneously, all transmitted over distances up to 20 meters in open air. This architecture enables technicians to maintain safe distance from hazardous environments - such as live electrical panels - reducing arc flash risk while capturing voltage, current, resistance, and frequency measurements with high precision. The meter supports data logging and trending to isolate intermittent faults and track system

performance over time, with measurements downloadable to a PC for detailed analysis and reporting. Technical Specifications Measurement Ranges AC/DC Voltage: 0–1000 V AC/DC Current: 0–400 mA with 0.01 mA or 10 μ A resolution Resistance: 0–50 M Ω Frequency: 0–99.99 kHz (voltage), 0–10 kHz (current) with 0.01 Hz resolution and 0.1% + 1 basic accuracy Continuity: Beeper activates below 25 Ω Diode Test: Supported Accuracy (One Year, 18 °C to 28 °C, 0–90% RH) DC Voltage: 0.09% + 2 to 0.15% + 2 AC Voltage: 1.0% + 3 (45–500 Hz) to 2.0% + 3 (500 Hz–1 kHz) DC Current: 0.5% + 3 AC Current: 1.5% + 3 Display & Interface 6,000 count resolution with bright white backlight Simultaneous display of meter plus up to three wireless module readings Key Features Fluke Connect wireless technology with 20 meter open-air range (6.5 m through sheetrock, 3.5 m through concrete or steel) RF connection binding time up to 1 minute CAT IV 600 V / CAT III 1000 V safety ratings IP54 ingress protection Operating temperature: –10 °C to 50 °C Three AA alkaline batteries; minimum 250 hour runtime Compact form factor: 7.5 cm H $\times$ 28.5 cm L $\times$ 13.5 cm W; 0.8 kg Typical Applications Electrical maintenance, panel diagnostics, troubleshooting live circuits, intermittent fault analysis, remote monitoring in confined or high-risk spaces. Compatibility & Integration Fluke Connect mobile app on iOS (4s and later) and Android (4.3 and up). PC data download for trend analysis and report generation.

3000FC Characteristics / Specifications

PARAMETER	VALUE
Display Counts Volts Amps Ohms	6000
AC Voltage Ranges	600.0 mV to 1000 V
AC Voltage Accuracy 45 To 500 Hz	1.0 percent plus 3
AC Voltage Accuracy 500 Hz To 1 kHz	2.0 percent plus 3
DC Voltage mV Accuracy	0.09 percent plus 2
DC Voltage Accuracy	0.09 percent plus 2 to 0.15 percent plus 2 by range
Resistance Ranges	600.0 ohm to 50.00 MOhm
Resistance Accuracy Class	0.5 percent plus 2 to 1.5 percent plus 3 by range
Capacitance Ranges	1000 nF to 9999 uF
Capacitance Accuracy	1.2 percent plus 2 (10 percent typical on top range)
AC Current Ranges	60.00 mA and 400.0 mA
AC Current Accuracy 45 Hz To 1 kHz	1.5 percent plus 3
DC Current Ranges	60.00 mA and 400.0 mA
DC Current Accuracy	0.5 percent plus 3
Frequency Ranges	99.99 Hz to 99.99 kHz
Frequency Accuracy	0.1 percent plus 1
Maximum Voltage To Earth	1000 V DC or AC RMS
Battery Type	three AA alkaline
Battery Life Minimum	250 hours
RF Communications	2.4 GHz ISM band
RF Range Open Air	up to 20 m
Operating Temperature	minus 10 C to 50 C
Size HxWxL	4.75 × 9.3 × 20.7 cm
Weight	340 g
Safety	CAT III 1000 V / CAT IV 600 V

PARAMETER	VALUE
Ingress Protection	IP54

3000FC Specifications

PARAMETER	VALUE
Fluke 3000 FC True RMS Wireless Multimeter	Overview
Key Features	Fluke Connect wireless radio 2.4 GHz ISM
Connects to three 3000 FC modules class	IP54 ingress protection
Technical Specifications	Display Counts Volts Amps Ohms: 6000
Notes	Numeric rows from Fluke 3000 FC Series Wireless Multimeter official specification tables.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	minus 10 C to 50 C
Operating Temperature	minus 10 C to 50 C
Size HxWxL	4.75 × 9.3 × 20.7 cm
Weight	340 g
Safety	CAT III 1000 V / CAT IV 600 V
Ingress Protection	IP54 Notes Numeric rows from Fluke 3000 FC Series Wireless Multimeter official specification tables.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

specifications list 6000 count display, DC voltage accuracy 0.09 percent, AC voltage to 1000 V, mA current to 400 mA, resistance to 50 MOhm, and 2.4 GHz ISM radio to Fluke Connect modules.

Applications

Electrical troubleshooting with wireless module connectivity, remote monitoring of voltage and current via Fluke Connect, and field service True-RMS measurements with logging to mobile devices.

Key Features

Fluke Connect wireless radio 2.4 GHz ISM

True-RMS AC voltage and current

Connects to three 3000 FC modules class

IP54 ingress protection

MIN MAX recording

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Display Counts Volts Amps Ohms	6000
AC Voltage Ranges	600.0 mV to 1000 V
AC Voltage Accuracy 45 To 500 Hz	1.0 percent plus 3

AC Voltage Accuracy 500 Hz To 1 kHz: 2.0 percent plus 3

Specifications

PARAMETER	VALUE
DC Voltage mV Accuracy	0.09 percent plus 2
DC Voltage Accuracy	0.09 percent plus 2 to 0.15 percent plus 2 by range
Resistance Ranges	600.0 ohm to 50.00 MOhm
Resistance Accuracy Class	0.5 percent plus 2 to 1.5 percent plus 3 by range
Capacitance Ranges	1000 nF to 9999 uF
Capacitance Accuracy	1.2 percent plus 2 (10 percent typical on top range)
AC Current Ranges	60.00 mA and 400.0 mA

AC Current Accuracy 45 Hz To 1 kHz: 1.5 percent plus 3

Specifications

PARAMETER	VALUE
DC Current Ranges	60.00 mA and 400.0 mA
DC Current Accuracy	0.5 percent plus 3

PARAMETER	VALUE
Frequency Ranges	99.99 Hz to 99.99 kHz
Frequency Accuracy	0.1 percent plus 1
Maximum Voltage To Earth	1000 V DC or AC RMS
Battery Type	three AA alkaline
Battery Life Minimum	250 hours
RF Communications	2.4 GHz ISM band
RF Range Open Air	up to 20 m
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Weight	340 g
Safety	CAT III 1000 V / CAT IV 600 V
Ingress Protection	IP54

Notes
Numeric rows from Fluke 3000 FC Series Wireless Multimeter official specification tables.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.