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Data Sheet

August 14, 2026

FLUKE

Fluke 863 Graphical Multimeter

The Fluke 863 Graphical Multimeter shares the Fluke 867B GMM architecture for DMM, waveform and TrendPlot functions but uses a reflective display and omits 867B-only logic/component extras called out in the shared service manual. OEM tables list 0.04% + 2 counts DC volts accuracy, True RMS measurements, capacitance and frequency functions, size 137 × 246 × 68 mm and typical alkaline battery life about 10 hours with backlight off. Field graphical multimeter work where reflective display is preferred outdoors, TrendPlot recording of slow drifts, and general voltage/current/resistance troubleshooting with waveform context. Safety Category Class: IEC 1010-1 Category III class designs Waveform Bandwidth Class: DC to 1 MHz class shared platform TrendPlot Interval Class: 1 s to 15 min up to 30 hours class From Fluke 867B/863 Graphical Multimeters service manual. Microamp DC ranges and logic test are specified as 867B-only; use 867B file when those functions are required.



MODEL

Fluke 863

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

863

LISTING

<https://aumictechlabs.com/products/863-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 863 is a rugged and reliable digital multimeter suitable for a wide range of electrical and electronic testing applications. It has accurate measurements of voltage (AC and DC), current (AC and DC), resistance, continuity, and diode parameters. With its user-friendly interface and solid design, the Fluke 863 is an ideal tool for technicians, engineers, and hobbyists.

863 Characteristics / Specifications

PARAMETER	VALUE
Display	LCD dot matrix 240 × 200 pixels reflective
Operating Temperature	0 C to 50 C
Storage Temperature Batteries Removed	-20 C to 60 C
Relative Humidity	0% to 90% non-condensing
Altitude Operating	2000 m
Dimensions HxWxD	137 × 246 × 68 mm
Weight	1.35 kg (3 lb)
DCV Accuracy 8	0.04% + 2
DCV Ranges	300.00 mV to 1000.0 V
Input ImpedanceVDC	10 MOhm
Normal Mode Rejection	>60 dB at 50 or 60 Hz
Common Mode Rejection DC	>120 dB
DC Current Ranges Shared	30 mA to 10 A class
Resistance Range Max	30 MOhm
Resistance Accuracy 3 kOhm	0.07% + 2
Capacitance Range Max	10000 uF
Frequency Range Max	2.0000 MHz
Frequency Accuracy	0.05% + counts per range table
Duty Cycle Range	0.1% to 99.9%
Battery Life Alkaline Typical	10 hours
Battery Recharge Time	16 hours minimum from full discharge
Drip Proof	IEC 529 IP52
Safety Category Class	IEC 1010-1 Category III class designs
Overload Protection Volts	1000 V rms
Waveform Bandwidth Class	DC to 1 MHz class shared platform

PARAMETER	VALUE
TrendPlot Interval Class	1 s to 15 min up to 30 hours class
Bandwidth	Class: DC to 1 MHz class shared platform
Storage temperature	Batteries Removed: -20 C to 60 C
Humidity	0% to 90% non-condensing

863 Specifications

PARAMETER	VALUE
Fluke 863 Graphical Multimeter	Overview
Reflective LCD (no backlight) for outdoor viewing	0.04% DC accuracy class
Technical Specifications	Display: LCD dot matrix 240 × 200 pixels reflective

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Batteries Removed: -20 C to 60 C
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Waveform Bandwidth Class	DC to 1 MHz class shared platform
TrendPlot Interval Class	1 s to 15 min up to 30 hours class Notes From Fluke 867B/863 Graphical Multimeters service manual. Microamp DC ranges and logic test are specified as 867B-only; use 867B file when those functions are required.

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	
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Notes

From Fluke 867B/863 Graphical Multimeters service manual. Microamp DC ranges and logic test are specified as 867B-only; use 867B file when those functions are required.

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

788 S 500 E, Pleasant Grove, UT 84062
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<https://aumictechlabs.com>

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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.