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Data Sheet

August 14, 2026

FLUKE

Fluke 88-5/A KIT Deluxe Automotive Multimeter Combo Kit

The Fluke 88-5/A KIT is a deluxe automotive multimeter combo kit designed for professional automotive technicians and mechanics. It includes the Fluke 88V digital multimeter, along with a selection of accessories for automotive diagnostics and troubleshooting. The kit provides comprehensive testing capabilities for automotive electrical systems, including voltage, current, resistance, frequency, and pulse width measurements. It also features specialized functions for testing automotive components such as ignition systems, fuel injectors, and sensors.



MODEL

Fluke 88-5/A KIT

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

88-5/A KIT

LISTING

<https://aumictechlabs.com/products/88-5-a-kit-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 88-5/A KIT Deluxe Automotive Multimeter Combo Kit delivers professional-grade electrical diagnostics for automotive technicians. Built around the Fluke 88V digital multimeter, this kit integrates specialized accessories to troubleshoot conventional and hybrid vehicle electrical systems with precision and speed. Technical Specifications Voltage & Current Measurement DC Voltage: 0–1000 V, accuracy $\pm(0.1\% + 1)$, resolution 0.01 mV AC Voltage: 0–1000 V, accuracy $\pm(0.5\% + 2)$, resolution 0.01 mV; True-RMS capable DC Current: 0–10 A continuous

(20 A for 30 s max), accuracy $\pm(0.4\% + 2)$, resolution 0.001 mA AC Current: 0–10 A continuous (20 A for 30 s max), accuracy $\pm(1.2\% + 2)$, resolution 0.001 mA; True-RMS capable Passive Component Measurement Resistance: 0–50 M Ω , accuracy $\pm(0.4\% + 2)$, resolution 0.01 Ω Capacitance: 0–10,000 μ F Conductance: 0–60.00 nS Frequency: 0–200 kHz, accuracy 0.005%, resolution 0.01 Hz Temperature & Specialty Functions Temperature range: -328.0°F to 1994.0°F (-200°C to 1090°C) via integrated thermometer Duty cycle measurement: 0–99.9% Diode test and continuity check with audible indication Key Features Pulse width measurement at millisecond resolution for fuel injector diagnostics RPM measurement with optional inductive pickup; supports conventional and waste spark ignition Peak Min/Max capture down to 250 μ s for transient and intermittent fault detection Min/Max/Average recording with automatic Min/Max Alert function 10 M Ω input impedance protects sensitive vehicle computer circuits Auto HOLD captures stable readings on noisy signals; auto and manual ranging Input Alert provides audible feedback for incorrect jack selection Relative Mode removes test lead resistance from low-ohm measurements Typical Applications Battery and charging system testing, starter motor diagnostics, fuel injector pulse width analysis, ignition circuit troubleshooting, sensor output verification, and continuity checks on automotive wiring harnesses. Compatibility & Integration The kit combines the Fluke 88V with specialized accessories designed for automotive electrical work on both conventional and hybrid powertrains.

885AKIT Characteristics / Specifications

PARAMETER	VALUE
DCV Maximum Voltage	1000 V
DCV Accuracy	+/- (0.1% + 1)
DCV Best Resolution	0.01 mV
ACV Maximum Voltage	1000 V
ACV Accuracy	+/- (0.5% + 2)
AC Bandwidth	5 kHz
ACV Best Resolution	0.01 mV
DC Current Maximum	10 A
DC Current Accuracy	+/- (0.4% + 2)
DC Current Best Resolution	0.001 mA
AC Current Maximum	10 A
AC Current Accuracy	+/- (1.2% + 2)
Resistance Maximum	50 MOhm
Resistance Accuracy	+/- (0.4% + 1)
Capacitance Maximum	9999 uF
Capacitance Accuracy	+/- (1% + 2)
Frequency Maximum	200 kHz
Frequency Accuracy	+/- (0.005% + 1)
Duty Cycle Maximum	99.9%
Temperature Measurement Range	-200.0 C to 1090 C excluding probe
Conductance Maximum	60.00 nS
Operating Temperature	-20 C to 55 C
Storage Temperature	-40 C to 60 C
Size HxWxD	5.2 × 9.8 × 20.1 cm
Weight	624 g (22 oz)

PARAMETER	VALUE
Input Impedance	10 MOhm
Peak Capture	250 us
Current Short Term	20 A for up to 30 seconds
Bandwidth	5 kHz

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 C to 60 C
Operating temperature	20 C to 55 C
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Size HxWxD	5.2 × 9.8 × 20.1 cm
Weight	624 g (22 oz)
Input Impedance	10 MOhm
Peak Capture	250 us
Current Short Term	20 A for up to 30 seconds Notes From Fluke 88V Deluxe Automotive Multimeter datasheet (88 Series V / commonly ordered as 88-5 kit lineage). Accessories such as RPM pickup and temperature probe have separate accuracies.

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
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Accessories such as RPM pickup and temperature probe have separate accuracies.

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.