

Fluke 88V Automotive Multimeter



Fluke 88V



The right meter for automotive diagnostics

The Fluke 88V Automotive Multimeter is the most powerful automotive multimeter ever offered by Fluke. In addition to having all standard multimeter features like the ability to measure voltage, current, continuity, and resistance, the 88V can perform diode test and pulse width measurements.

This meter can take current measurements up to 20 A for 30 seconds and 10 A continuously. The optional magnetic hanger lets you attach the meter to most steel surfaces for easy set-up and viewing. The 88V is designed to be used in high energy environments like those found on hybrid vehicles.

- 0.1% DC accuracy
- 4-1/2 digit mode for precise measurements (20000 counts)
- Measure up to 1000 V AC and DC
- Current measurements up to 10 A, 20 A for up to 30 seconds
- Built-in thermometer for temperature measurements when you need them (temperature probe included)
- Resistance, continuity and diode test
- RPM measurements with inductive pickup (included)
- Millisecond pulse width measurements for fuel injectors
- Magnetic hanger to attach meter to the vehicle and free your hands for other tasks
- Min/Max/Average recording with Min/Max Alert to capture variations automatically
- Peak Min/Max to record transients as fast as 250 μ s
- Relative mode to remove test lead resistance from low ohms measurements
- Auto and manual ranging for maximum flexibility
- Autohold™ to capture stable readings with only one touch of the leads
- Large display digits and two-level bright white backlight for increased visibility
- Analogue bar-graph to track changing or unstable signals
- Input Alert provides audible warning against wrong use of input jacks
- Limited lifetime manufacturer's warranty

Specifications	88V
DC volts	Maximum Voltage: 1000 V Accuracy: $\pm(0.1\% + 1)$ Best Resolution: 0.01 mV
AC volts	Maximum Voltage: 1000 V Accuracy: $\pm(0.5\% + 2)$ AC Bandwidth: 5 kHz Best Resolution: 0.01 mV
DC Current	Maximum Amps: 10 A Amps Accuracy: $\pm(0.4\% + 2)$ Best Resolution: 0.001 mA
AC Current	Maximum Amps: 10 A Amps Accuracy: $\pm(1.2\% + 2)$ Best Resolution: 0.001 mA
Resistance	Maximum Resistance: 50 M Ω Accuracy: $\pm(0.4\% + 1)$ Best Resolution: 0.1 Ω
Capacitance	Maximum Capacitance: 9999 μ F Accuracy: $\pm(1\% + 2)$ Best Resolution: 0.01 nF
Frequency	Maximum Frequency: 200 KHz Accuracy: $\pm(0.005\% + 1)$ Best Resolution: 0.01 Hz
Duty Cycle	Maximum Duty Cycle: 99.9% Accuracy: within 2% per KHz + 0.1% Best Resolution: 0.1%
Temperature Measurement	-200.0° C to 1090° C (-328° F to 1994° F), 1.0% excluding probe
80BK Temperature Probe	-40° C to 260° C, 2.2° C (-40° F to 500° F) or 2% whichever is greater
Conductance	Maximum Conductance: 60.00 nS Accuracy: $\pm(1.0\% + 10)$ Maximum Resolution: 0.01 nS
Operating Range	Operating Temperature: -20° C to 55° C (-4° F to 131° F) Storage Temperature: -40° C to 60° C (-40° F to 140° F)
Size and Weight	5.2 cm \times 9.8 cm \times 20.1 cm, 624 g

Recommended Accessories



TLK281
Automotive Test Lead Kit



TLK282
Deluxe Automotive Test Lead Kit



C35
Soft Carrying Case



80PK-27
SureGrip™ Surface Temperature Probe (requires 80AK)



i410
400 A AC/DC Current Clamp



TL82
Automotive Pin & Socket Adapter Set

Recommended Kits

Bundle & Save



Fluke 88V/A Automotive Multimeter Combo Kit

Included Accessories

High-impact Holster, Test Leads, User Manual and Quick Reference Guide.

Ordering Information

FLUKE-88-5	Automotive Multimeter
FLUKE-88-5/A KIT	Automotive Multimeter Combo Kit

Contact your local distributor for price and availability.
fluke.com/wtb