

Fluke 88V and 77 IV Digital Multimeters

Versatile meters for automotive repair, field service or bench repair



Fluke 88V Automotive Multimeter

The Fluke 88V Automotive Multimeter is designed to help automotive professionals beat the book. This DMM has more measurement functions, troubleshooting features and accuracy to solve virtually any problems on conventional and hybrid vehicles.

Features

- Automotive test functions include dc and ac voltage, resistance and current.
- Min/Max recording for logging the highest and lowest readings over time.
- Frequency measurements for magnetic sensors and ac/dc frequency signals.
- Duty Cycle for variable duty cycle signals with selectable trigger slope and level.
- Pulse width for fuel injector on time measurements.
- Conductance testing for secondary ignition coils.
- RPM measurements for DIS and conventional ignition systems.
- Built-in thermometer.



Fluke 77 IV Digital Multimeter

The 77 IV Digital Multimeter has the features needed to repair most electrical and electronic problems. This meter is simple to use and has significant improvements over Fluke's original 70 Series with more measurement functions, conformance to the latest safety standards, and a much larger display that's easier to view.

Measures

- Wide 1000 V measurement range.
- Average responding ac measurements.
- 0.3 % accuracy.
- 10 Amps continuous.
- Frequency and capacitance.
- Resistance and continuity.



For the complete diagnostics package and maximum value, pick up the 88V/A combo kit.

- Includes Fluke 88V Automotive Multimeter.
- TL224 Heat Resistant Silicone Test Leads.
- TP220 Removable Sharp Point Test Probes.
- AC285 Large Jaw Alligator Clips.
- TPAK Magnetic Hanger.
- 80BK-A Temperature Probe.
- RPM80 Inductive Pick-up.
- Automotive Backprobe Pins.
- Insulation Piercing Probe.
- Packaged in a durable carrying case (C800).

Features

- Large display.
- Backlight for work in dim areas.
- Min/Max to record signal fluctuations.
- Integral holster with probe holders.
- Free your hands with the optional TPAK magnetic hanger.
- Auto and Manual ranging.

Specifications - 77 IV Digital Multimeter

Functions	Range	Best accuracy	Best resolution
V dc	600.0 mV to 1000 V	± (0.3 % + 1)	0.1 mV
V ac	6.000 V to 1000 V	± (2.0 % + 2)	1.0 mV
A dc	60.00 mA to 10 A	± (1.5 % + 2)	0.01mA
A ac	60.00 mA to 10 A	± (2.5 % + 2)	0.01 mA
Resistance	600.0 Ω to 50 MΩ	± (0.5 % + 1)	0.1 Ω
Capacitance	1 nF to 9,999 μF	± (1.2 % + 2)	1 nF
Frequency	99.99 Hz to 99.99 kHz	± (0.1 % + 1)	0.01 Hz

Recommended accessories - 77 IV Digital Multimeter



i400s
AC Current Clamp
See page 58.



C35
Meter Case



ToolPak™
Meter Hanger
See page 63.



TL225
SureGrip Stray Voltage
Adapter Test Lead Kit



TLK-225
SureGrip Master
Accessory Kit
See page 53.

Included accessories

Fluke 88V: Test leads, 9 V battery (installed), carrying case and users manual.

Fluke 77 IV: TL75 test leads, 9 V battery (installed) and users manual.

Ordering information

FLUKE-88-5 Automotive Multimeter
 FLUKE-88-5/A KIT Automotive Multimeter Combo Kit
 FLUKE-77-4 Digital Multimeter