

Multimeter & More!

Dual Display Automotive Systems Analyzer



Built from the ground up for automotive technicians by a company that specializes in automotive test and measurement technology. A huge dual line digital display with bargraph. Easy to see from a distance and backlit for use in dark or dimly lit areas. Shielded 6 foot test leads guarantee accurate measurements. The leads are terminated with banana jacks that supports all types of adapters. Supports the direct connection of Ferret Low or High amp probes. Using a unique system of LED's, the function buttons illuminate to indicate which function is selected. The keys are laid out ergonomically for ease of use. The meter is protected from accidental drops by a protective rubber boot. A Low Battery indicator will turn on when the battery is low. Supports the use of two batteries to provide more than twice the battery life. Switch between RPM, Voltage and Amperage readings at the press of a button. Displays measurement pairs such as: Volts/Amps, Peak Amps/Build Time, RPM/Amps, and more! Certified for True RMS readings. The Ferret 95 incorporates one of two chips certified for True RMS readings. The Ferret 95 features a unique ignition and fuel injection test, as well as a dedicated fuel pump efficiency test.

GXT



Ferret 95 Automotive Multimeter

Measurement Ranges

DC Volts, 3 Ranges	1 mV to 50V
AC Volts, 3 Ranges.....	1 mV to 50V
Low Amps DC, 2 Ranges	10 mA to 20A
Low Amps AC, 2 Ranges.....	10 mA to 20A
High Amps DC, 1 Range	1 A to 600A
High Amps AC, 1 Range	1 A to 600A
Ohms, 5 Ranges	1 Ω to 40M Ω
Continuity, Beeper/Bargraph0 - 100 Ω
Diode Check, Diode Volts	0 to 1.999 Volts
Frequency, 5 Ranges	0 to 2KHz
Pulse Width Up, 2 Ranges	0 mS to 200mS
Pulse Width Down, 2 Ranges	0 mS to 200mS
RPM Inductive, 2 or 4 Stroke	0 to 10,000 RPM
Fuel Pump RPM, 4 Ranges.....	RPM
Dwell Milliseconds, 1 Range.....	0 to 100%
Peak Amps, 1 Range	0 to 20.0 Amps
Build Time, 1 Range	0 - 200 mSec
Drive Time, 1 Range	0 - 200 mSec
KiloVolts (Optional), 1 Range	0 - 40.0 kV

Physical Dimensions

Operating Temp	
0° to 45°C	32° to 120° F
Storage Temp	
-20° to 60°C	-20° to 140° F
Case Size	
21x10x5 cm	10x16.5x9.5 in.
Lead Length	
1.8 m.....	6 Feet
Weight	
655 g.....	1.6 Pounds

Other Characteristics

Power Requirements	
Internal Battery	9 Volt
Optional Second Battery.....	9 Volt
Displays	
Backlit.....	4 and 3 1/2 Digit,
Bar Graph.....	31 Segment
Input Impedance	
High Impedance.....	10 Megohm
PC Interface	
RS232.....	w/ Optional Software

Use the Volts for all your high impedance voltage and RPM measurement needs. RPM is displayed on the top line of the display and volts are on the bottom. Press Volts to cycle through DC Volts, AC Volts, and Peak to Peak Volts. True RMS function gives accurate readings regardless of the shape of the voltage signal you are measuring.

Measure from 1/10th of an Ohm to 40 million Ohms using the Ohms Button. The bottom display, bargraph, and audible indicator are used to indicate the continuity of the circuit under test.

Use the Amps button for all your high amps and RPM measurement needs. Press Amps to cycle through DC Amps, AC Amps, and Peak to Peak Amps. Measure from 1 amp to 600 amps inductively.

Plug in the low amps probe and press the LoA button to measure from 10 milliamps to 20 amps. RPM and Lo Amps are displayed at the same time. Press Lo A to cycle through DC Low Amps, AC Low Amps, and Peak to Peak Low Amps.

The V•A button is especially configured for starting/charging system troubleshooting.

Frequency, Pulse Width (up Slope), Pulse Width (Down Slope), Dwell Milliseconds, and Dwell % are access by pressing the Time button.

Use the Low Amps probe and the Fuel test button to measure the fuel pump RPM, fuel pump amperage draw, and the peak to peak amps. Use these three measurements to determine if the fuel pump has the capability to accurately and reliably deliver fuel.

The Coil function helps diagnose fuel injectors, and ignition coils. Use the optional secondary KV adapter to measure the firing KV on any individual cylinder.