



AT-9955

Automotive Digital Multimeter provides multi-functions: RPM measurement for automotive engines with 2 to 10 Cylinders using the inductive Pick-up. Oversized high contrast 4000 counts LCD display with backlight 14 Functions including DCV, ACV, DCA, ACA, Resistance, RPM (Tach), Dwell angle, Duty cycle, Frequency, Temperature (IR Temperature) ($^{\circ}\text{C}/^{\circ}\text{F}$), Capacitance, Continuity and Diode Check Read pulse duty cycle and dwell angle for electronic fuel injection feedback carburetors, and ignition Data Hold and Relative functions. Over-range indication Auto Power Off. Fused current inputs and Overload protection on all ranges. Measures Milliseconds pulse width to test on-time of fuel injectors, idle air control motors, and electronic transmission controls.



Specifications		
Function	Range	Basic Accuracy
Voltage DC	400mV, 4V, 40V, 400V, 1000V	±(0.5%+2d)
Voltage AC	400mV, 4V, 40V, 400V, 700V	±(0.8%+4d)
Current DC	400uA, 4000uA, 40mA, 400mA, 4A, 20A	±(1.2%+2d)
Current AC	400uA, 4000uA, 40mA, 400mA, 4A, 20A	±(1.5%+4d)
Resistance	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ	±(0.8%+3d)
RPM(Tach)	600 ~ 4000RPM;600 ~ 12000RPM(x 10RPM)	±(2.0%+2d)
Dwell Angle	4, 5, 6, 8CYL	±(2.5%+2d)
Duty Cycle	0.1~99.9%	±(1.5%+2d)
Frequency	0.001Hz~9.99MHz	±(2.0%+2d)
Temperature	-20°C ~ 760°C/-4°F ~ 1400°F	±(3.0%+2d)
IR Temperature	-20°C ~ 550°C/-4°F ~ 1022°F	±(3.0%+2d)
Capacitance	40nF, 400nF, 4uF, 40uF, 400uF,4mF,40mF	±(3.0%+2d)
Pulse Width	0.1~10mS	±(3.0%+5d)
Diode Check	Open circuit voltage 3V dc; Test current 0.3mA typical.	
Continuity Test	Threshold 30Ω, Continuity Beeper 2.kHz	

Size(HxWxD): 182mm x 82mm x 55mm

Weight: 360g

Accessories:

Test leads, type K temperature Probe, IR temperature probe (IR-82 optional), Inductive pick-up and 9V battery, Gift box with carrying case.