



AT-205P/9945/9945T

Automotive Digital Multimeter provides multi-functions: RPM measurement for automotive engines with 2 to 10 Cylinders using the inductive Pick-up AT-9945T is True RMS Autoranging Automotive DMM Oversized high contrast 4000 counts LCD display with backlight 13 Functions including DCV, ACV, DCA, ACA, Resistance, RPM (Tach), Dwell angle, Duty cycle, Frequency, 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 AT-9945/9945T 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, 1000V	±(0.8%+2d)
Current DC	400uA, 4000uA, 40mA, 400mA, 4A, 20A	±(1.2%+2d)
Current AC	400uA, 4000uA, 40mA, 400mA, 4A, 20A	±(1.5%+2d)
Resistance	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ	±(0.8%+2d)
RPM(Tach)	600 ~ 4000RPM; 600 ~ 12000RPM(x 10RPM)	±(2.0%+2d)
Dwell	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)
Capacitance	40nF, 400nF, 4uF, 40uF, 100uF	±(3.0%+2d)
Pulse Width (9945)	0.1~10mS	±(3.0%+2d)
Diode Check	Open circuit voltage 1.5V dc; Test current 0.3mA typical.	
Continuity Test	Threshold 30Ω, Continuity Beeper 2.7KHz	

Size(HxWxD): AT-205P: 146mm x 66mm x 41.5mm

AT-9945/9945T: 195mm x 92mm x 38mm

Weight: AT-205P: 200g;

AT-9945/9945T: 380g

Accessories:

Rubber holster, Test leads, type K temperature Probe, Inductive pick-up and 9V battery.