

Automotive Sensor Simulator & Tester ADD71



Features:

Measures the signals of automotive sensors

- The most complete hand held diagnostic tester for sensors, wiring, connectors, and on-board computers.
- DC voltage, lambda, frequency and pulse signals can be measured
- Digital display shows actual output of signals.
- Measures any voltage AC or DC, resistance or frequency output

Allows simulation of most Sensor and computer management components

- Simulating temperature sensors, throttle potentiometers, switches, air flow meters and lambda/oxygen sensors.
- Features AC voltage output to simulate vehicle speed sensors (VSS), CAM, CRANK, and ignition reluctors.
- Simulates actual working conditions of any sensor without having to remove it from the vehicle-A.B.S., Crank, Cam, Coolant, Oxygen, MAP, MAF, MAT, VSS, etc.

Checks basic ECU operation

Controlling the signals being produced allows you to check ECU response and operation. This prevents mis-diagnosis where the fault may lie in the ECU itself or in the wiring between the component and the ECU. Works independently or with any scan tool ever made.

Can be used on any domestic or import vehicle.

Eliminates unnecessary replacement of non-defective sensors.

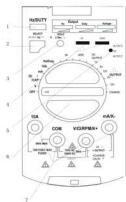
Can drive computer into "open or closed loop."

SPECIFICATIONS:

Simulate Signal	Range	Function
DC Voltage	0-1v	Simulating lambda/oxygen sensors.
	0-5v	Simulating DC signal of sensors.
Resistance	0-5k	Simulating temperature or resistance sensors
	0-200k	
Frequency Signal V/Duty/Hz	0-5v 10-90% 10-4kHz	Simulating frequency signal sensors:
	0-12v 10-90% 10-4kHz	

Test Function	Range	Basic Accuracy
DC Voltage	400mV, 4V, 40V 400V,1000V	±(0.5% + 3d)
AC Voltage	400mV, 4V, 40V 400V,750V	±(0.8% + 3d)
DC Current	40mA, 400mA, 10A	±(1.2% + 3d)
AC Current	40mA, 400mA, 10A	±(1.5% + 5d)
Resistance (Ω)	400 4K, 40K, 400K, 4M, 40M	±(1.0% + 3d)
Capacitance	40nF, 400nF, 4uF, 40 uF, 100 uF	±(5.0% + 10d)
Frequency	10Hz-10MHz	±(0.5% + 3d)
Duty cycle	0.1% -99.9%	±(2.0%±1 d)
	+400V ⁺ ---11000V ⁺	±(2.0%±15d)
Diode test and Audible Continuity test	0	Test current :10-6mA
	0	>60Ω Buzzer sounds

FRONT PANEL



- 1) Hz/Duty switch
- 2) Select switch
- 3) Hold/Back light switch
- 4) RESISTANCE/HZ/DUTY/V ADJUST
- 5) SIMULATOR Signal output control switch.
- 6) Function/Range switch. Turn this switch to select a function or turn the meter OFF. OFF: power switch
%: AC/DC voltage test
CAP: resistance /diode/sound/capacitance test
MA (10A): AC/DC test
Hz/Duty: Frequency/duty test
Ωk/200k: resistance simulating function
DC OUTPUT: DC voltage simulating OUTPUT function
Output: frequency signal OUTPUT function
CHARGE: charge function
- 7) Test lead terminal



Faster & Simulator



Charge Function



White Back Light



Test Leads