

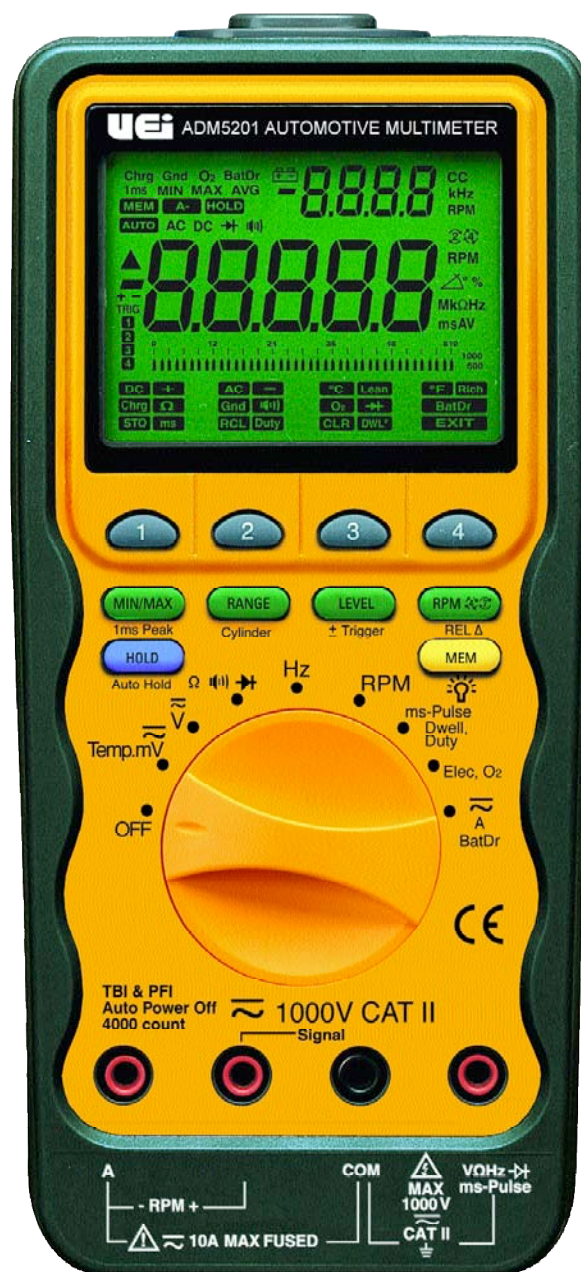


# ADM5201

## Digital Multimeter

### **ALL THE FEATURES NEEDED BY TODAY'S PROFESSIONAL AUTOMOTIVE TECHNICIAN**

- Includes 4 Testing Functions:
  - O2 Sensor Test
  - Ground Test
  - Battery & Alternator Charging Test
  - Battery Drain Test
  
- Diagnose 1 to 12 Cylinder Engines
  - Accurate RPM Measurements
  - 4 Step Adjustable Triggers
  
- ms-Pulse Width Tests
  - PFI & TBI type fuel injector's
  - Idle air control motors
  - Electronic transmission controls
  
- Features Include:
  - AC/DC Volts
  - AC/DC Current
  - Resistance
  - Frequency
  - Duty Cycle
  - Direct DWELL
  - Temperature
  - RS232 serial port and More!



# ADM5201 • Digital Multimeter

The ADM5201 advanced handheld automotive multimeter combines all the features of a full function multimeter and integrates the functions of an O2 Sensor tester, PFI & TBI Fuel Injection testers. The ADM5201 provides a quick and accurate diagnosis of the complete O2 circuit. It is also capable of sending a Rich/Lean signal to the ECM, and displaying crossing-per-second (CC) and O2 voltage simultaneously, when secondary display shows test results. This professional grade multimeter provides efficient trouble shooting solutions to the most difficult problems encountered in today's sophisticated automotive electronic systems.

The ADM5201 has a bright LED backlight. A battery access door allows users to replace the battery and fuse without breaking calibration seals! High impact over-molded case absorbs shock over more of the case than a conventional rubber boot design. Convenient closed case calibration allows adjustments to be made directly through the Optically-Isolated RS232 serial port.

## The ADM5201 has the following features:

- Testing functions include: O2 Sensor Test, Ground Test, Battery and Alternator Charging System Test, and Battery Drain Test
- Accurate RPM measurements for 2 and 4 stroke automotive engines with 1 to 12 cylinders using the inductive pickup
- ms-Pulse Width function to test on-time of both PFI type and TBI type fuel injectors
- Duty Cycle and direct DWELL reading
- 4 step adjustable triggers on 1 to 12 cylinders
- Temperature measurement up to 2,372°F or 1,300°C
- 4-4/5 digit, 50,000 count primary and 9,999 count secondary dual display with bar-graph (Frequency range: 99,999 counts)
- Backlit display
- RS-232C optically isolated serial port
- Memory store and recall (20 locations)
- Auto hold. 50ms high speed MIN/MAX/Avg, & relative mode
- 1ms Peak Mode
- Auto-power off
- High impact over-molded case
- CE-mark
- IEC 1010.1-92, CAT II 1000 V Rating
- Three year limited warranty

## Specifications

DC Voltage:	0 to 1,000 V
AC Voltage:	0 to 1,000 V (40 Hz to 2 kHz)
Basic Accuracy:	DC V – 0.1%, AC V – 0.5%
RPM (4 Stroke):	120 to 20,000 RPM
RPM (DIS & 2 Stroke):	60 to 10,000 RPM
DC Current:	0 to 10 A (20 A for 30 seconds)
AC Current:	0 to 10 A (20 A for 30 seconds)
Resistance:	0 to 50 M
Frequency:	0.5 Hz to 1 MHz
Duty Cycle:	0% to 99.9%
Dwell:	0° to 356.4°
Pulse Width:	0.50 ms to 250.00 ms
Diode Test:	3.0 V
Temperature:	-58 to 2372 °F & -50 to 1300 °C

Annual calibration suggested.

Distributed By:



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