

Product ID: DMM-8088

Automotive Multimeter (DMM-8088)

Autoranging + 20A + Temperature

Model: DMM 8088

Features :

1. 3 3/4 digit, 4000 count display
2. Auto-ranging on DC/AC volts, frequency, and capacitance.
3. Resistance, diode and continuity test
4. Read pulse duty cycle and dwell angle for electronic fuel injection feedback carburetors, and ignition.
5. Inductive RPM pickup.
6. Milliseconds pulse width to test on-time of fuel injectors, idle air control motors, and electronic transmission controls.
7. Temperature measurement
8. Max/Min, Data Hold, Zero(relative readings) functions.
9. Overload Protection on all ranges.



DMM-8088



**Inductive
Pickup
HP-01**

**RPM
Probe**

Specifications:

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- o DC Voltage Ranges: 400mV, 4V, 40V, 400V, 1000V $\pm(0.5\%+1\text{dgt})$
- o AC Voltage Ranges: 400mV, 4V, 40V, 400V, 750V $\pm(2.0\%+5\text{dgt})$
- o DC Current Ranges: 400mA $\pm(1.0\%+1\text{dgt})$, 20A $\pm(1.5\%+1\text{dgt})$
- o AC Current Ranges: 400mA $\pm(1.5\%+3\text{dgt})$, 20A $\pm(2.0\%+3\text{dgt})$

Tecpel Automotive Multimeter (DMM-8088).

- o Resistance Ranges: (Auto-ranging) 400 Ohm,4k Ohm,40 k Ohm,400 k Ohm,4000k Ohm,40M Ohm.
 $\pm(2.0\%+4\text{dgts})$
- o Capacitance Ranges: (Auto-ranging) 4nF,40nF,400nF,4uF,40uF. $\pm(2.0\sim5.0\%+4\text{dgts})$
- o Frequency Ranges: (Auto-ranging) 100Hz,1kHz,10kHz,100kHz,400kHz. $\pm(0.1\%+4\text{dgts})$
- o Temperature Ranges: -50 to 1100°C $\pm(1.0\%+2^\circ\text{C})$; -50 to 2000° $\pm(1.0\%+4^\circ\text{C})$
- o Frequency Ranges: (Auto-ranging) 100Hz,1kHz,10kHz,100kHz,400kHz. $\pm(0.1\%+4\text{dgts})$
- o RPM Ranges: 600 to 4000 low; 1000 to 12000 high
- o RPM (TACHO) manual ranging $\pm (2\%+1\text{dgt})$
- o Dwell Angle: 4,5,6,8 Cylinders $\pm(2.0\%+5\text{dgts})$
- o Duty Cycle: 0.0 to 90.0% $\pm(2.0\%+5\text{dgts})$
- o ms Pulse Width: 0.1ms to 10.0ms $\pm(2\%+0.2\text{ms})$
- o Diode Test 0.6mA typical $\pm (2.0\%+4\text{dgts})$
- o Audible Continuity Open circuit voltage:0.4V DC, Audible threshold:<40 Ohm
- o Overload protection: 1000VDC or 750VAC RMS for DC/AC Voltage;
- o 0.5A,20A/600V Fused for DC/AC Current
- o 60VDC or 24VAC RMS for temperature
- o 500VDC or AC RMS for other ranges
- o General:
- o Power Requirement: One 9V battery
- o Dimensions: 2"x3.8"x7.9" (52x96x200mm)
- o Weight: 17.5oz(495g)
- o Accessories: Test Leads,holster, battery, owners manual,K-type
- o Thermocouple probe,Inductive RPM pickup probe.
- o Optional Accessories: CA-600 DC/AC current Clamp, 400Amp.