APPA 25
The Best Value Automotive Multimeter

- 11 Function: DC Voltage
  AC Voltage
  DC Current
  Resistance
  Frequency Counter
  Temperature Test
  RPM Measurement
  Duty Cycle
  Dwell Test
  Diode Test
  Continuity Buzzer

- Auto power off extends battery life
- Easy to Use single rotary switch
- 4 Feet drop proof
- Full test lead set (probes + clips)
- Optional protective holster with tilt stand
APPA 25 Digital Engine Analyzer

Specifications:
(All specifications at 23°C ±5°C, less that 80% R.H.)

DC Voltage:
Range: 200mV, 2V, 20V, 200V
Accuracy: ±(0.5% + 1d)
Input Impedance: 10M ohm
Overload Protection: 600 Vrms.
Resolution: 0.1mV

AC Voltage:
Range: 200V, 600V
Accuracy: ±(1.5% + 5d) at 40Hz – 500 Hz
Input Impedance: 10MΩII < 100pF
Overload Protection: 600 Vrms.
Resolution: ±1V

High Tach:
Range: 0 – 10000 RPM, reading x 10 (4 cyl, 5 cyl, 6 cyl, 8 cyl)
Accuracy: ±(1.5% + 5 RPM)
Overload Protection: 250VDC/AC peak, within 20 sec.
Resolution: 10 RPM

Low Tach:
Range: 0 – 2000 RPM (4 cyl, 5 cyl, 6 cyl, 8 cyl)
Accuracy: ±(1.5% + 5 RPM)
Overload Protection: 250VDC/AC peak, within 20 sec.
Resolution: 1 RPM

Duty Cycle:
Range: 0 – 100.0%
Accuracy: ±(1.5% + 5d)
Overload Protection: 250VDC/AC peak, within 20 sec.
Resolution: 0.1%

Dwell Degrees:
Range: 0 – 90.0°C (4 cyl)
0 – 50.0°C (6 cyl)
0 – 45.0°C (8 cyl)
Accuracy: ±(1.5% + 5d)
Overload Protection: 250VDC/AC peak, within 20 sec.
Resolution: 0.1°

Resistance:
Range: 200 ohm, 2K ohm, 20K ohm, 200K ohm, 2M ohm.
Accuracy: ±(200 ohm ±(0.8% + 4d))
2K ohm – 2M ohm ±(0.8% + 1d)
Overload Protection: 600 Vrms.

Diode & Buzzer:
Open Circuit Voltage: 3.2V max.
Accuracy: ±(1.5% + 5d) for test diode forward voltage
Buzzer Description: Builtin buzzer sounds when resistance is less than 50 ohms
Overload Protection: 500VDC/AC r.m.s.

DC Current:
Range: 15A
Accuracy: ±(2.0% + 3d)
Overload Protection: 15A/250V last blow fuse
Resolution: 0.01A

Frequency Counter:
Range: 2KHz, 20KHz
Accuracy: ±(1.0% + 3d)
Input Protection: 600 Vrms.

Temperature:
Range: -20°C – 800°C, -4°F – 1472°F
Accuracy: 20°C – 350°C, 4°F – 662°F, ±(2% + 4°C/8°F)
351°C – 500°C, 663°F – 932°F, ±(2% + 2°C/4°F)
501°C – 800°C, 933°F – 1472°F, ±(3% +2°C/4°F)
Resolution: ±0°C or ±1°F

General:
Display: 3-1/2 digit LCD with Max. reading of 1999
Polarity: Auto polarity, (-) sign turn on at minus
Overrange Indication: "1" or "-1"
Low Battery Indication: is displayed when the battery voltage drops below the operating voltage
Measurement Rate: 2.5 times per second, normal
Operating Temperature: 0°C to +50°C (below 80% R.H.)
Storage Temperature: -20°C to +60°C (below 80% R.H.)
Temperature Coefficient: 0.15 x (Spec. accuracy)/°C, (<18°C or > 28°C)
Power Requirements: Single 9V battery (NEDA 1604, IEC 6F22)
Battery Life: 350 hours typical (alkaline)
Size: 84mm(W) x 175mm(L) x 31mm(H)
Weight: 330 gms
Accessories: Test leads, battery (installed) and manual

AH-90/100 Protective Holster
Easy-to Clean, nail hook holster absorbs shocks and protects meter. Lead and probe storage on back, lean or stand in best viewing position.

AC-90/100 Soft Carrying Case
Two way zipper double wall vinyl-leather carrying case for APPA 90/100 series meters. Inside pockets are designed to carry a manual and test lead. Convenient 4.5"(110mm) belt loop accommodates tool belts.

50BK K-type Bead Probe
General purpose applications, low cost. Teflon tape insulation. Not suitable for liquid immersion. Measurement range: -40°C to 204°C (-40°F to 399°F)

50IK K-type Immersion Probe
For engine coolant, brake and transmission fluid, other liquids and gels. Protected from tip to handle by an Inconel sheath. Suitable for general temperature measurement applications. Measurement range: -196°C to 800°C (-320°F to 1472°F)

APPA 32 AC/DC Current Probe
Non-intrusive transducing from 0.1A to 600A with 2% basic accuracy. Wide jaw fits over almost any size conductor. Coiled cable with safety banana plug extend up to 1.5 meters. 50 hours typical battery life, 9V battery installed

Specifications subject to change without notice.

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