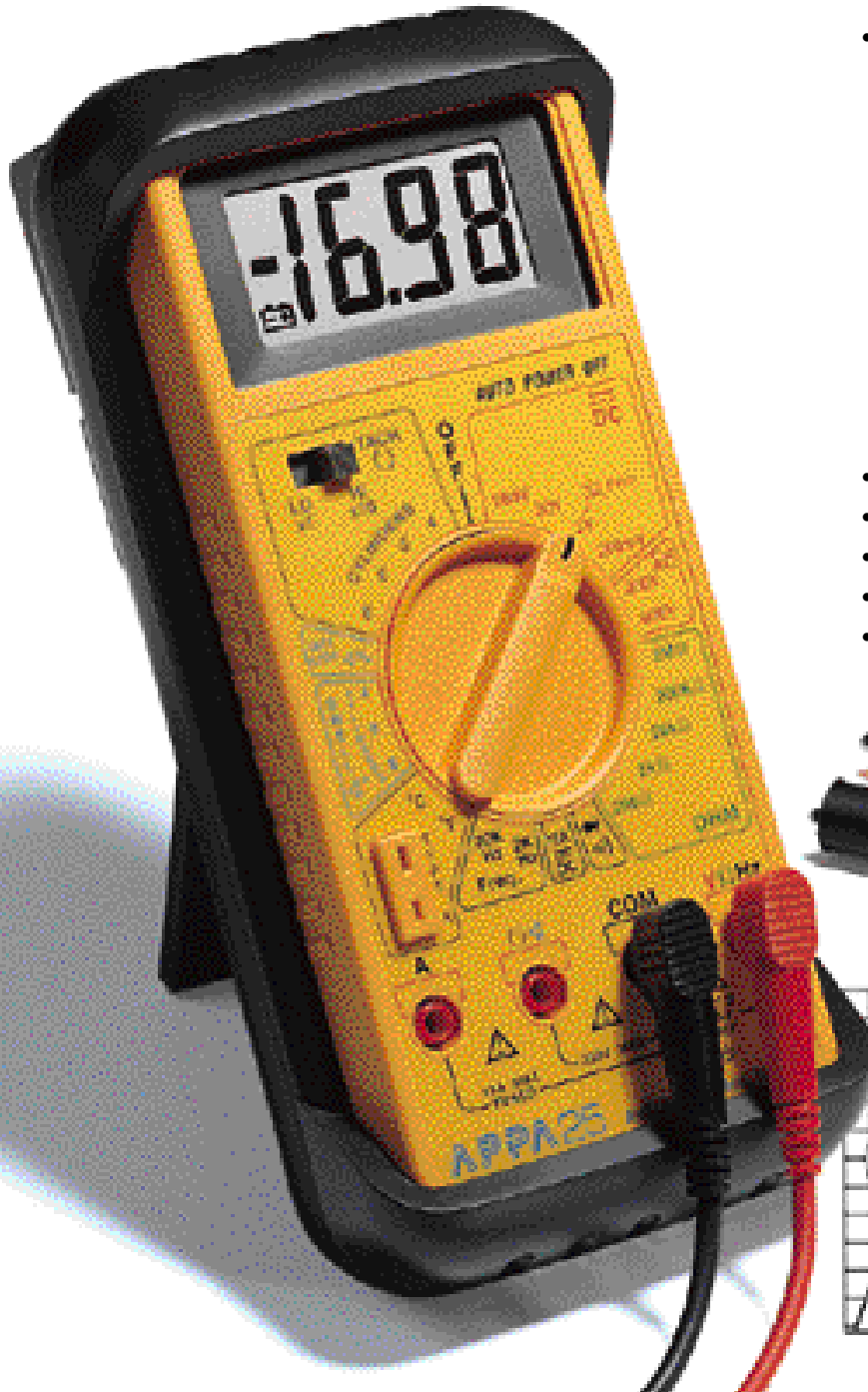
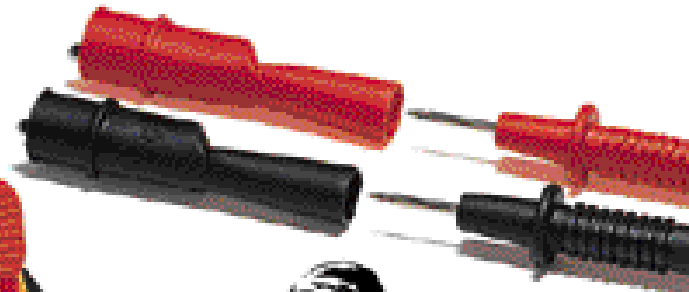


APPA 25

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[®]

Advanced Instrument Technology Made Easy

APPA 25 Digital Engine Analyzer

SPECIFICATIONS:

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

DC VOLTAGE:

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

AC VOLTAGE:

Range: 200V, 600V
Accuracy: ±(1.5% + 5d) at 40Hz ~ 500 Hz
Input Impedance: 10M Ω < 100pF
Overload Protection: 600 Vr.m.s.
Resolution: 0.1V

HIGH TACH:

Range: 0 ~ 10000 RPM, reading x 10 (4 cyl, 5 cyl, 6 cyl, 8 cyl)
Accuracy: ± (1.5% + 50 RPM)
Overload Protection: 250VDC/AC peak, within 20 sec.
Resolution: 10 RPM

LO TACH:

Range: 0 ~ 2000 RPM (4 cyl, 5cyl, 6cyl, 8cyl)
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% + 2d)
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% + 2d)
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 Vr.m.s.

DIODE & BUZZER:

Open Circuit Voltage: 3.2V max.
Accuracy: ± (1.5% + 5d) for test diode forward voltage
Buzzer Description: Built-in 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 fast blow fuse
Resolution: 0.01A


FREQUENCY COUNTER:

Range: 2KHz, 20KHz
Accuracy: ± (1.0% + 3d)
Input Protection: 600 Vr.m.s.

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: 1°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



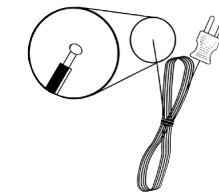
AH-90/100 Protective Holster

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