

DYNO-SCAN FOR PALM OS

AUTERRA



Easy to Use

The Dyno-Scan™ for Palm OS software has an intuitive user interface. Color and black-and-white screens supported.



Rugged

The OBD II adapter and cable will provide years of trouble-free service.

**OBD II
Adapter**

Size and Weight

4" x 1.75" x .875", 4oz

Automotive Standards

CAN, VPW, PWM, ISO, KWP

Diagnostic Power

Auterra's Dyno-Scan™ for Palm OS is two products in one! First, it's a full-featured On-Board Diagnostics II (OBD II) scan tool capable of diagnosing a wide range of vehicle problems. Read and clear trouble codes, view code descriptions, turn off the Check Engine light, monitor and record live sensor data using line graphs, bar graphs, or meters, and much more. Second, the remarkable dyno package measures engine horsepower and torque, acceleration times, and even instantaneous and trip fuel mileage. Try that with your average scan tool!

Compatibility

The Dyno-Scan™ is universal so no matter the make or model, from Acura to Volvo and everywhere in-between, the Dyno-Scan™ will work with your 1996 and later automobile.¹

Key Features

- Read and clear diagnostic trouble codes (DTCs)
- Optional support for vehicles equipped with CAN
- Integrated DTC description databases including enhanced and generic
- Turn off the vehicle's Check Engine or Service Engine Soon light
- Read and clear freeze frame data
- Two types of graph screens monitor any two sensors
- Graphically zoom in/out and pan within a virtual trace buffer
- Three types of meter screens, including bar graphs
- View up to five sensors simultaneously with variable sample rates
- Record and playback live sensor data streams
- Upload recordings to a PC for further analysis
- Oxygen sensor monitoring and on-board test results
- I/M readiness. Metric and English units of measure
- Horsepower and torque measurements
- 0-60 time, 1/8 and 1/4 mile time and speed, MPG, and top speed
- Supports most Palm OS devices version 3.0 and later. 1-year warranty
- Protocols: J1850 (PWM and VPW), ISO 9141, ISO 14230, and ISO 15765

¹ Some diesel vehicles are not OBD II compliant and not supported.

Scan Tool Screens

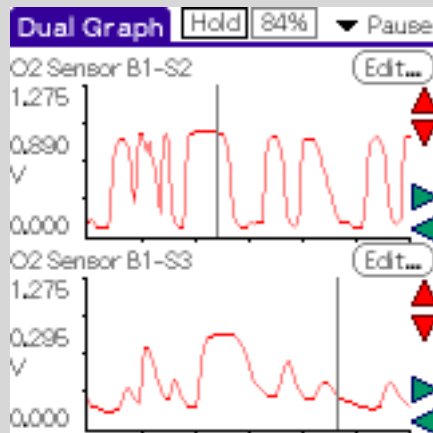
Super Features - numerous ingenious features simplify vehicle diagnostics. Shown below are just a few of the screens available. **Palm Power** - extensive on-line help and careful attention to screen presentation offers unparalleled ease of use on your Palm handheld.

General Info

Information:
 OBD Requirement: OBDII Federal
 Fuel System 1 Status: OLoop Drive
 Fuel System 2 Status: -
 Secondary Air Status: Upstream Cat
 Auxiliary Input Status: PTO NtActive

Vehicle Monitors Status:
 Misfire Monitor: C Sec. Air System -
 Fuel System: - A/C Refrigerant -
 Components: C Oxygen Sensor I
 Catalyst: I Oxygen Heater -
 Heated Catalyst: - EGR System I
 Evap. System: I

Shows I/M readiness and other info



Graph two sensors simultaneously

List Hold 0% Live

Air Flow Rate MAF: 52.58 lb/min
 Calculated Load: 48.2 %
 Engine RPM: 7453 RPM
 Ignition Timing Adv: -9.5 deg
 Long Fuel Trim-B1: -20.3 %

Display up to five sensors

Trouble Codes

Stored DTCs: P0457
 Pending DTCs: P0457

DTC Lookup

DTC: P0457
 Vehicle: Generic
 Description: 1 of 1
 Evaporative Emission Control System
 Leak Detected (fuel cap loose/off)

Tap a DTC to display its definition

Freeze Frame

DTC Causing Freeze: P0238
 Vehicle Speed: 78 MPH
 Intake Manifold Pressure: 39.4 in.Hg
 Long Term Fuel Trim-B2: 9.4 %
 Long Term Fuel Trim-B1: 14.8 %
 Engine Coolant Temp: 237 deg F
 Fuel System Status: OLoop NoSat
 Fuel Pressure (gage): 73.1 psig
 Short Term Fuel Trim-B1: 36.7 %
 Engine RPM: 11694 r/min
 Calculated Load Value: 74 %
 Short Term Fuel Trim-B2: 53.1 %

Sensor data at the time of error

Oxygen Sensors

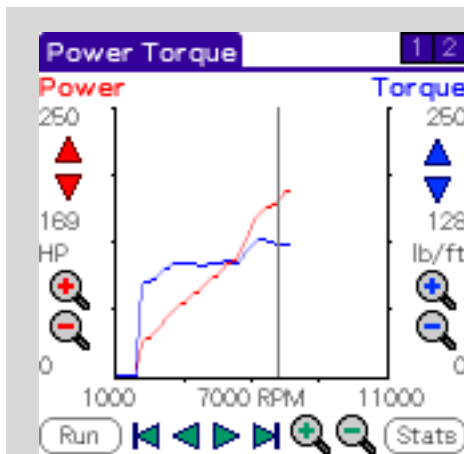
Sensor Position: Bank 2 - Sensor 2

Sensor period: 4.7 sec
 Max sensor voltage: 0.585 V
 Lean to rich switch time: 0.47 sec
 High sensor voltage: 0.585 V
 Lean to rich threshold: 0.585 V
 Time between transitions: 4.7 sec
 Rich to lean switch time: 0.47 sec
 Rich to lean threshold: 0.585 V
 Low sensor voltage: 0.585 V
 Min sensor voltage: 0.585 V

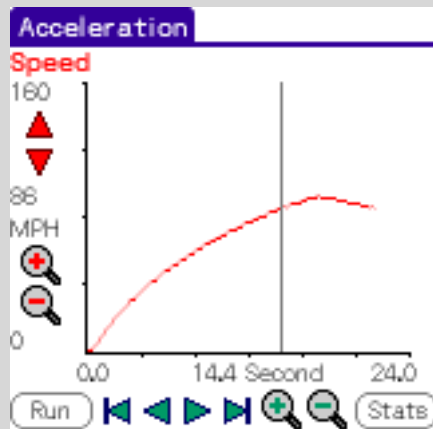
O2 sensor test results

Dyno Screens

Dyno Package - Dyno measurements are corrected for elevation, drag coefficient, vehicle weight, air temperature, and more per the SAE J1349 standard. Try an evaluation version of the software available from our web site.



Analyze HP and torque runs



Measure vehicle acceleration

Complete System

A complete Dyno-Scan™ system is comprised of four components:

- Palm™ handheld (sold separately)
- HotSync cable
- OBD II Adapter
- OBD II Cable



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