



## Automotive 2-channel PicoScope 4223 w/Test Lead Kit

2-channel, USB scope with automotive presets!

**PicoScope  
4223**

### Overview

This 3rd generation Pico scope captures signals four times faster than any other PicoScope automotive scope and features a 32 MB of 'always on' memory. Never again will you miss those hard-to-find intermittent faults.

- \* Measure up to 2 signals at once
- \* 32 million sample memory
- \* 100 volts maximum input
- \* CAN bus compatible
- \* FlexRay compatible
- \* Use with any vehicle
- \* Free software updates
- \* 24 month warranty
- \* Free technical support



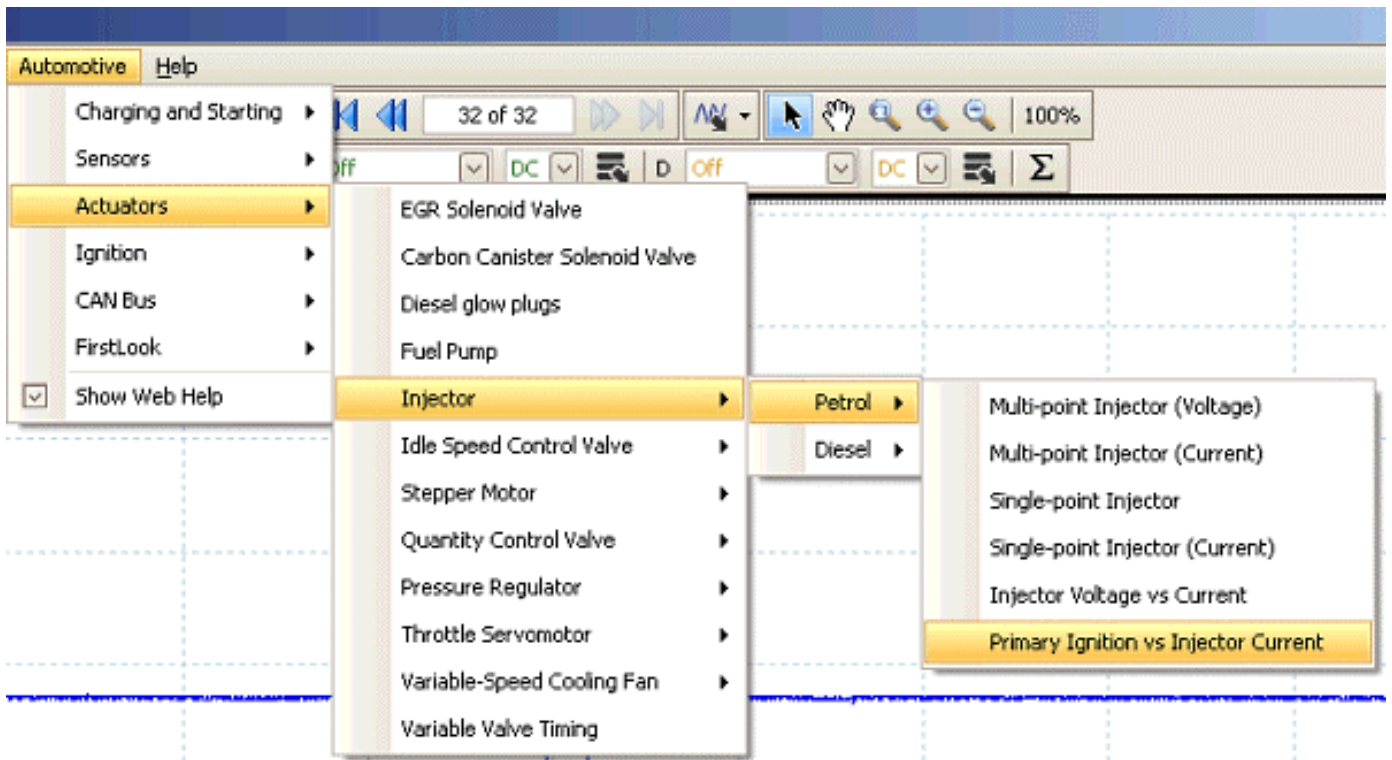
Powerful and easy-to-use PicoScope Automotive software includes:

- Technical reference library of tests
- Tutorials on over 60 topics
- Sample waveforms
- Video Tutorial

### How do you use a PicoScope?

Use a PicoScope just like any other PC program. Select a preset from the Automotive drop-down menu and select a preset. The the PicoScope will automatically:

1. Load a sample waveform into the lab scope
2. Setup the lab scope
3. Display a help page with information on the accessories needed to perform the test.



**The Pico Automotive Diagnostics Kit can be used to measure and test virtually all of the electrical and electronic components and circuits in any modern vehicle including:**

- Ignition (primary and secondary)
- Injectors and fuel pumps
- Starter and charging circuits
- Batteries, alternators and starter motors
- Lambda, Airflow, knock and MAP sensors
- Glow plugs / timer relays
- CAN bus, LIN bus and FlexRay

### **PicoScope 2-Channel Kit Contents**

- PicoScope 4223 PC based oscilloscope
- USB Cable
- Two 20:1 attenuator
- Two TA000 test leads (3 meters - approx 10 ft)
- Two Secondary ignition pickups
- 2-pin break out lead
- 600A AC/DC current clamp
- 60A DC current clamp
- Two pin-tip probes
- Four small alligator clips
- Two large dolphin clips
- Two insulation-piercing probes
- Acupuncture probes
- S-hook for hanging test leads
- PicoScope Automotive software CD
- Vehicle Electronics Diagnostic CD (Video)
- Quick start guide
- Sturdy carry case
- 24 month warranty

