



FEBRUARY 2008

Engine Expert for Windows

Audie Technology has teamed with Allan Lockheed & Associates to produce a Windows version of Engine Expert. Engine Expert was one of the first PC based simulation programs and it is still widely used. The new program features:

- Updated Windows user interface
- Revised and updated expert advice
- New options on engine geometry
- Support for metric and imperial units
- XY line data graphs
- Dedicated engine balance graph
- Head flow vs. crank angle graph (from Valve Pro)
- Swirl vs. crank angle graph

New formulas contributed by Dick Phillips address important issues surrounding the location of the critical area in the intake tract.

Flow Pro or Flow Quik files can be used for head flow data sources, or you can key in airflow and swirl data directly. Camshaft data can come from Cam Doctor, S96, or Cam Pro Plus files.

Graphs and reports can be printed on any Windows supported printer or saved to a file.

For more information see our website: www.audietech.com.

Cam Pro Plus: Tech Inspection

More tracks are now using Cam Pro Plus for technical inspection. Technical Inspection mode streamlines the job of the inspector by removing many Cam Pro Plus options that are not needed for the task of technical inspection. This mode was developing while working with a major racing series. We also developed a system for driving the rotary encoder from the distributor mount. This makes it possible to check a cam without removing it from the engine or the engine from the car. For more information on this and other CPP options see our website: www.audietech.com.

Cam Pro Plus Uses Andrews Easy Cam Hardware

The new Easy Cam software option makes Cam Pro software work with the Andrews Products Easy Cam hardware. Contact us for more information. For more information on this and other CPP options see our website: www.audietech.com.

Cam Pro Plus Reads Spintron Data

The new Spintron software option makes lets Cam Pro software read data from Spintron CSV files. Results from multiple RPM's can be graphed simultaneously. Standard Cam Pro Plus files can be viewed together with

Spintron files. This makes it easy to see float, valve train deflection, and valve bounce at multiple RPM's. If you work with Spintron data you need this. For more information on this and other CPP options see our website: www.audietech.com.

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Flow Pro Expander

Superflow's Flow Com and the SF1020 bench do many of the things that Flow Pro does, but they do not always do them as well and they do not do all of them. Many Flow Com owners have wanted to use the Flow Pro digital dial indicator and automatic valve opener, but Flow Com does not have the necessary electronics. We created Flow Pro Expander to meet this need. You install Expander between Flow Com and your computer. Expander provides the missing support electronics and a responsive foot switch as a bonus.

Cam Pro Plus Adds New Lobe Details Report

In response to feedback from one of the many leading Winston Cup teams who use Cam Pro Plus we have added Cam Detail reports to Cam Pro Plus. These reports are similar to the Analysis Reports, but they list the requested data for every lobe instead of finding the min, max, average, or variance among a group of lobes. This report is a concise way to consolidate an entire engine's worth of cam lobes into one page. The report layout is flexible. You designate the contents of each column from a list of 40 different data items. Each row has data for one pair of lobes (i.e. one cylinder). An optional summary row shows the variation in each column. For more information on this and other CPP options see our website: www.audietech.com.

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