

eSCOPE, eSCOPE PRO, & eIgnition release notes:

Revision History:

01/31/2019: Rev 1.3.3:

- Added ability to change printer from default and to disable header on print outs
- Added ability to remember a zoom location (Zoom Set) and to return to that zoom location (Zoom Back) on Measure screen
- Added calculator to Measure screen to pop-up Windows Calculator
- Added "RPM" and "deg/ms" indicators that calculate when "Mark Cam Shaft" or "Mark Cylinders" buttons are pressed
- Added option on preferences screen to use thin scope lines

05/15/2018: Rev 1.3.2.

- Added "Show A Timebase Only" button that doubles the size of the "Dual A" graph and hides the "Dual B" graph on the "Dual Scope" tab.

01/09/2018: Rev 1.3.1:

- Major compiler update for more powerful functionality in future updates.
- iEA for eSCOPE Pro now installs with eSCOPE Pro installer.
- Minor enhancements to GUI.

7/13/2016: Rev 1.30:

- New icon that works better with all backgrounds.

6/20/2016: Rev 1.29:

- New Logo and Icon.

6/13/2014: Rev 1.28:

- Setup for 1280x728 screen size default (wide screens). Do not install this update if your screen resolution is less than 1280x728.
- Setup Elgnition to be called from EScope program instead of separate program.
- Added WrafSensor6Wire.exe & VaneAirFlowSensor.exe training videos.
- Added file loaded file name to be displayed on front panel text.
- Added new H20 pressure scaling for 25" H20 Rev2.

2/03/2012: Rev 1.27:

- Added scaling options for new Rev2 versions of Vacuum and 300 PSI pressure sensors.
- Replaced old Cam/Crank sensor waveform library with a new bigger and better library of waveforms. The new library has been extended with more cam shaft & crank shaft correlations. Many of these patterns have #1 injector & #1 ignition coil waveforms as well.

3/24/2011: Rev 1.26:

- Added capability to Zero each channel independently (used when working with pressure transducers and ECOP)
- Added ability to auto adjust window size when increasing for larger screens.
- Added option to print with grey background on graphs to save ink.
- Made scope buffer size a variable that can be adjusted on the File/Preferences pop-up.

- Added ECOP to Range options with the ability to customize the voltage to kV multiplier for ECOP channels.
- On Tools Menu, if no other tools are found it will say "No Other Tools Installed" instead of saying nothing.
- Changed the installation directory from c:\Program Files to c:\Automotive Test Solutions to keep all ATS programs, settings, and data files in one location that Windows will not prevent access to.

12/23/2009: Rev 1.25:

- Optimized to work better with Windows 7.
- Added "Size to 1024x574 (Netbooks)" option.
- Added Panel Close (X).
- Added error popup for battery low indicator.
- Added digital input code to read battery low signal.
- Added process data routine that allows adding offsets to data.
- Increased Buffer Size.
- Added "Mark Data (Page Up)" to Deep record.
- Changed colors of "Mark Cam Shaft" and "Mark Cylinders" to faint yellow and faint green.

9/23/2007: Rev 1.24:

- Added smoothing routine to Measure & Deep Rec.
- Adding offset to Mark Cylinders for pressure transducer measurements.
- Modified Deep record save to warn if file saving to already exists.

5/24/2007: Rev 1.23:

- Fixed problem where Demo Mode would automatically get selected at startup or auto-restart if DAQ board was not seen. Pop-up will now allow user to see error and re-start or select demo mode.
- Changed Mark Cylinders to be offset -25% of one division for pressure marking. This more accurately divides up the cylinders when using the pressure sensor.
- Added Demo Mode button/indicator to main tab.
- Added 1MS/s ranges for EScope Pro.
- Changed default ranges.

4/25/2007: Rev 1.22:

- First version to support both the EScope and EScope Pro. Program will automatically detect and setup for correct hardware at startup.
- Added setup wizard that shows hookup schematics, just-in-time training videos for various sensors, and allows setup file selection from tree of sensor/signal types.
- Added Pressure Sensor Utilities: Automatic scaling for each ATS sensor type, ZERO button, Measure tools for marking cylinders, and +/-5000.0 range setting to cover all sensors.
- Added ? Help buttons and help text tab for quick access to EScope help. Also changed manual to Flash type.
- Changed labels on Timing tab to match labels on scope.
- Added open circuit detection code and indicators that display red borders around CH#s for open circuit.
- Changed custom setup folder to "SetupsCustom" instead of "Setups". Setups contains setup files that are not to be changed.
- Added colored text to CH#s on Setup tab.

- Added Right and Left Tab for Window Sizing
- Increased chart history from 5k to 10k

5/11/2006: Rev 1.21:

- First version posted on this update page.