FEV

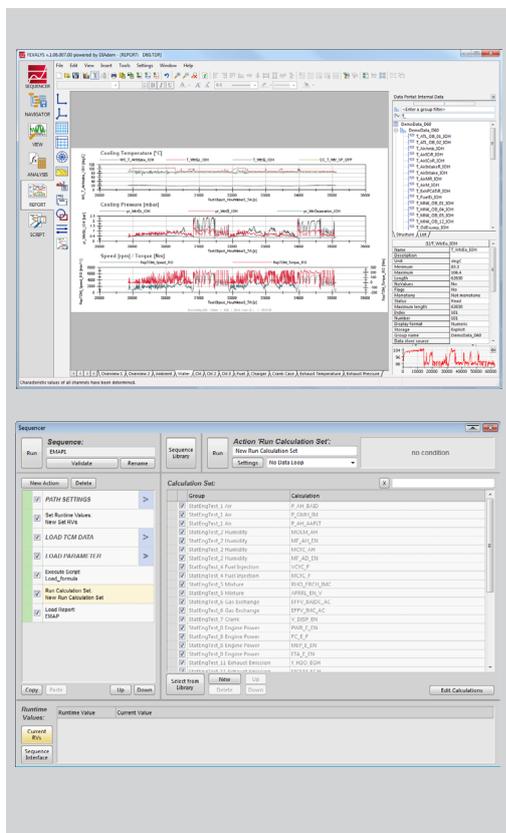# FEVALYS - Analysis and Reporting

» CHOOSE TEST SERIES, RUN EVALUATION SEQUENCE, GET YOUR REPORT. THAT'S IT!

FEVALYS Reporting

FEVALYS

FEVALYS is a software solution that serves to analyse and visualise data measured from engine and vehicle development. From data acquisition to calculation, visualisation and reporting: FEVALYS is your partner.

When using FEVALYS you have the possibility of creating individual and storable operating procedures. The *Sequence Quick Starter*, a simplified interface for standard users, will lead the operator through the evaluation process without programing skills being required. The user can define which data shall be loaded and which parameters shall be determined. After checking that all properties are set correctly, the reporting file will be generated.

The *Workflow Editor* offers direct access to all measurement data, meta information and evaluation settings in detail. Listed formulas can be amended, the order of actions within a sequence can be set and output formats can be defined. That way, FEVALYS acts like an open tool box and right according to the customers' needs: Either as a detailed and editable data editor or as a quick sequence processor.

Comprehensive Test Data Analysis

FEVALYS is equipped with numerous calculative functions including a predefined and accessible formula catalogue and calculation templates. For any graphical data analysis there are included templates and individual layouts, panning and zooming functions and various display options.

Furthermore FEVALYS is able to generate reports for the certification of emission cycles. The cycle trace is performed according to laws, regulations and applied legislative validation rules. That is why these in-house proven emission cycle reports have frequently been the basis for technical certificates.

FEVALYS - Analysis and Reporting

Technical Details

Highlights

> Calculation, visualisation and reporting combined in one software
> Workflow based calculations and evaluations powered by the Workflow Editor or the Sequence Quick Starter
> Certification cycle reports
> Individually editable functions – also directly by the customer
> Customized channel, name and unit management
> Integration of all meta information, measured data and re corded data
> Analysis of multiple measurements at one time

Application

> Numerous file formats included, customizable and expendable
> File-based data storage via custom import filters
> Templates for calculation, visualisation and reporting
> Configurable and storable layouts
> Extensive chart types
> Statistics, curve fitting, signal analysis
> Predefined and configurable formula catalogue
> Numerous display options within reporting

Moreover, FEVALYS offers numerous specialized standards such as statistical functions and graph calculations.

Test Cycle Reports

Take advantage of our test cycle report function in order to analyse and certify emission cycles:

> Consideration of legislative test validity criteria
> Listing of mandatory certification data
> Dead time, humidity and drift corrections according to laws and regulations
> Calculation processing according to legislative framework

System Requirements

Hardware
> CPU type: >x86 compatible processor
> Processor speed: >1.6 GHz
> Display resolution: >1024x768
> Graphics board: Color depth at least 16 bit (High Color), 24 or 32 bit (True Color) recommended
> Hard disk memory: Depending on the operating system, up to 2.8 GB free storage space, of which at least 1.8 GB on the system partition

Operating System
> Windows XP Pro 32 Bit Service Pack 3 or later
> Windows 7 32 Bit with Service Pack 1
> Windows 7 64 Bit with Service Pack 1(as 32-Bit Application)
> Windows 10 Support

Service & Support

> 12 months software service contract
> Customer support
> Automatic upgrades
> Access to all minor & major releases

Contact

You would like to know more about FEVALYS? Contact us and we will be glad to help:

Call us: +49 (0) 241 - 5689 6330
Mail us: flex4u@fev.com