

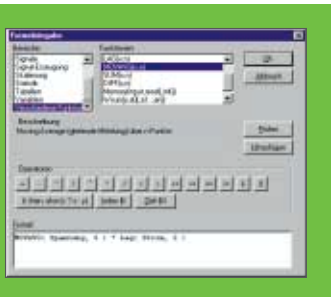
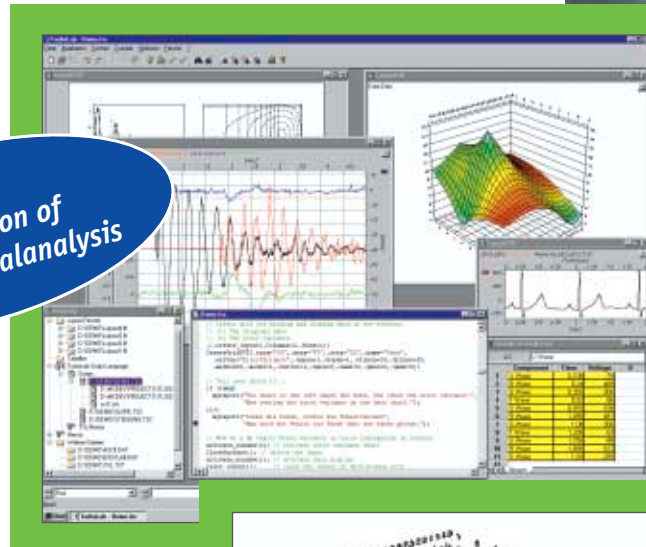
TurboLab

Signalanalysis Profi

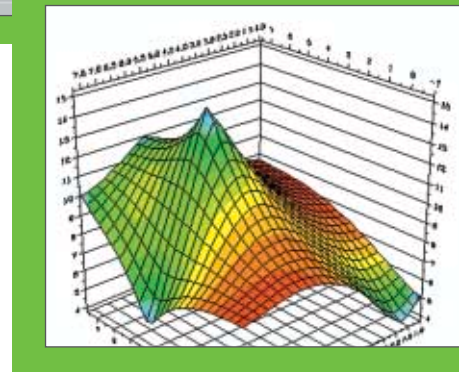
Professional analysis software with fast data browser and powerful graphical and mathematical tools

- Fast and comfortable browser for screening largest data files
- Presentation of time, XY, 3D and 4D data
- Powerful tools for time- and frequency-domained signal processing
- Flexible formula processor with more than 80 predefined functions
- One- and two-dimensional classification of non-periodical signals (DIN 45667 and Rainflow)
- Approved concept to manage so-called "methods" (procedures, tables, IIR filters etc.)
- Expressive documentation of results in individual designed reports
- Integrated script language with self-learning mode to add user-specific functions and algorithms

New!
Light-Version of
TurboLab Signalanalysis



Screening and valuating largest amounts of data in seconds - this is one of TurboLab's outstanding features. Up to one million values per second are possible. The file size just depends on the memory capacities of your PC. You can display any number of curves in as many windows you like and print your results in expressive test reports on a printer oder plotter.



TurboLab Signalanalysis

Quicklook - exceptional fast and flexible data browser

- Presentation of time, XY, 3D and 4D data
- **Any number of curves from multiple files**
- **Multiple X- and Y-axis, individually arranged and scaled**
- **Comfortable graphical analysis**

Extensive tools for data analysis

time-domained:

- **Expressive statistics and parameters also of curve sectors**
- Flexible formula processor with all common functions used in today's measurement applications including recursive functions
- One- and two-dimensional interpolation
- Signal matching and equalizing
- Digital filters
- Operation characteristics and characteristic diagrams

frequency-domained:

- Basic functions, FFT, window discriminators
- Powerspectrum
- Transfer function
- spectrum analysis

Classification

- 7 one-dimensional methods following DIN 45667
- 4 two-dimensional methods (Rainflow/Markov matrix)

Excel compatible tables

Presentation of results

- **Automatic report generation via mouse click**
- **Individual layout with company logo, text and graphical elements**