



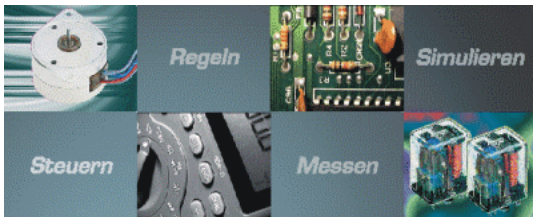
## Characteristic features

- ▶ Universal PC based control software
- ▶ Transfer of measured values over the USB-port or PC add-on cards
- ▶ Mathematical and logical processing of measured values in real time
- ▶ Release of actuator signals over the USB-port or add-on cards
- ▶ Arithmetical and logical building blocks
- ▶ Ready modules as Y/t-writer, timer switch or logic analyser
- ▶ Graphical development environment
- ▶ Integrated compiler
- ▶ System requirements: CD-ROM drive, Windows 98, 2000, XP

## Typical areas of application

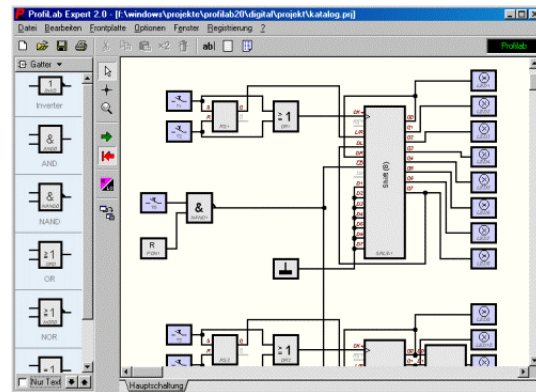
- ▶ Research and science, laboratories
- ▶ Industrial, testing laboratories, quality assurance
- ▶ Schools, teaching and training
- ▶ Building instrumentation, heating regulation

## Description

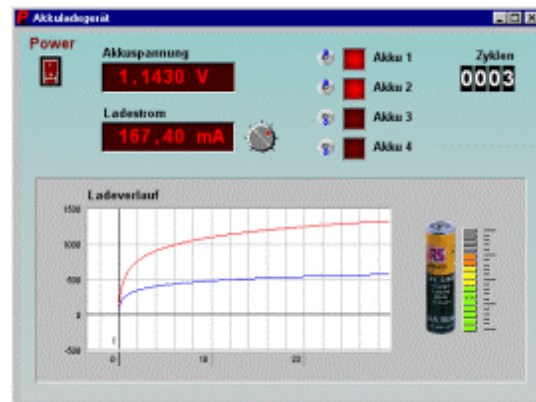


With this software, you can develop your own digital and analog controls in a quick and simple manner. Stepper motor controls, model rail roads or complex measuring system projects - anything that is to be regulated electrically, can be realised. And the best: You don't have to write a single line of the program! You can visually develop your circuit directly on the PC, join switches, buttons, displays etc. and hence build your own project step by step in this way.

The new version can work with a wide variety of hardware (AD-converter, I/O-cards, relay cards, measuring instruments) from renowned manufacturers. In addition, Internet functionality and email facility is also integrated. In our product range, you can find thermometers (up to 64 channels), hygrometers, sound level measuring instruments, anemometer and many more items. Each hardware appears as a normal component in your circuit. In this software, you can simply connect the desired input and output. You would not have worked before in such a simple manner on your PC with external hardware. By just press of a button, the PC simulates your circuit in real time. Incoming measurements are processed and signals are delivered out.



The operation is carried out through a self-designed front-end, on which you can arrange switches, potentiometers, displays, LED's and instruments.



With the EXPERT" version of compiler, you can also convert the complete project into an independent self-executable program. Then, the program can also be executed without the ProfiLab "Expert" software and can be freely distributed.

Thus a complete software development system comes through without even writing a single line of program code. With the software, you can realize professional instrumentation projects in a simple, graphical development environment.

You simply draw the scheme of measuring circuit and the project is ready. Without any knowledge of programming, the measured values of the probes in the measuring circuit can be used. Arithmetic and logical components take care about the linking and processing of measured values.

Modules such as master clocks, timer switches and relay cards facilitate extensive control and regulation possibilities. Various instruments, writers, and spreadsheets help in storage and representation of measurements and the measurement set-up can be operated through display and control elements.

