Training of Control Engineering with PLC

Real-time simulations of controlled systems for testing externally programmed
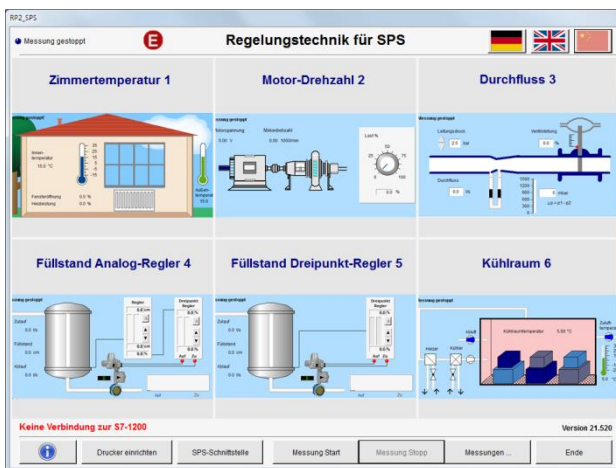
Use the practical simulations of controlled systems for programming external controllers (PLC, Codesys, etc.).

Test and optimize your programmed controllers.

Graphically monitor the transient response of the control loop on the PC.

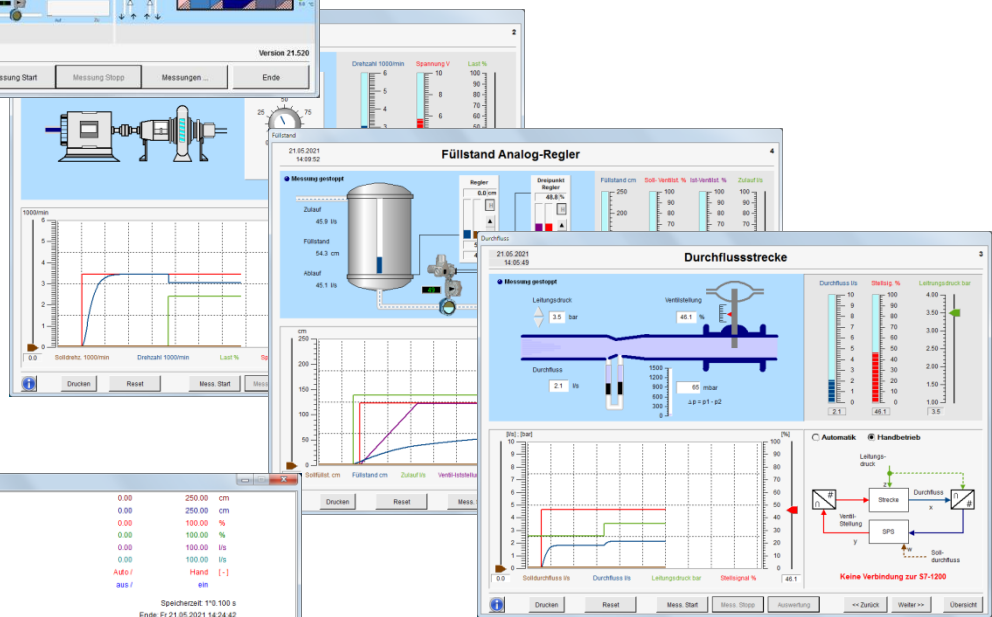Simulation of control system on PC   Controller (PLC)

Simulated control systems:

- Room temperature control system
- Motor speed control system
- Flow rate control system
- Level control system
- Level control system with 3-point-controller
- Cold room control system (3-point controller)

Monitoring of the control loop behavior on the PC.

Trend display of actual value, setpoint, fault value and control signal.

Recording of all signal characteristics for subsequent evaluation of the transient response of the controls.

External connection to controller (PLC, Codesys, etc.):

OPC UA, PLC-connection to LOGO 8, S7-300, S7-400, S7-1200, S7-300, S7-1500