Small Models & Software Models

The set works with SPC or small controllers. The processes to be controlled are real small models or software models. The software models are connected via the Profi-CASSY interface. When connected with the software models, the Profi-CASSY becomes a universal system simulator connected to the SPC via a PROCESS FIELD BUS or ribbon cable and to the PC via a USB. This means the PC has over 16 digital and 2 analogue inputs and outputs. There are process simulations for various systems that can be easily installed on the PC as software.

Educational objectives
- Operating the SPC
- Creating programs
- Connection of hardware and optimisation of the program using the model

Small models
- Crosswalk light
- Parking garage

Software models
- Motor control
- Traffic light control
- Fill level control
- Service lift
- Stamp setup

Experiments require the Siemens software TIA Portal to create programs.

The equipment can require additional software modules.