

Training Kit™ Process control

The experiment kit, Training Kit Process control covers aspects of basic process control such as:

- PID regulator functionality and parameters
- Optimisation and connection of different systems
- Basic measurement and regulation technology concepts
- Different types of sensor and their functionality

Students can use the components and experiment book to build the following processes:

- Water level process
- Flow control with proportional valve
- Speed control of a motor
- Temperature control



Each object is controlled by a PLC with specially made HMI operational softwares where the student are able to adjust set-points and PID parameters as well as monitor and evaluate the process.

All the components are supplied in a robust case in which each has its set place. The components can be mounted on the included base plate.

Technical specification:

Size base plate WxHxD	600x640x30
Weight base plate	8kg
Size cases BxHxD	700x580x200mm
Weight cases	8kg
Voltage supply	24V DC
Working pressure	4-6 Bar 4mm pneumatic fitting
Article code	TK-PC

Accessories:

Compressor silent - 50l/min, 15l tank, 8 bar, 40dB



PLC system Siemens S7-1214 (included)



Trolley for Training Kit

