

E6.6.3

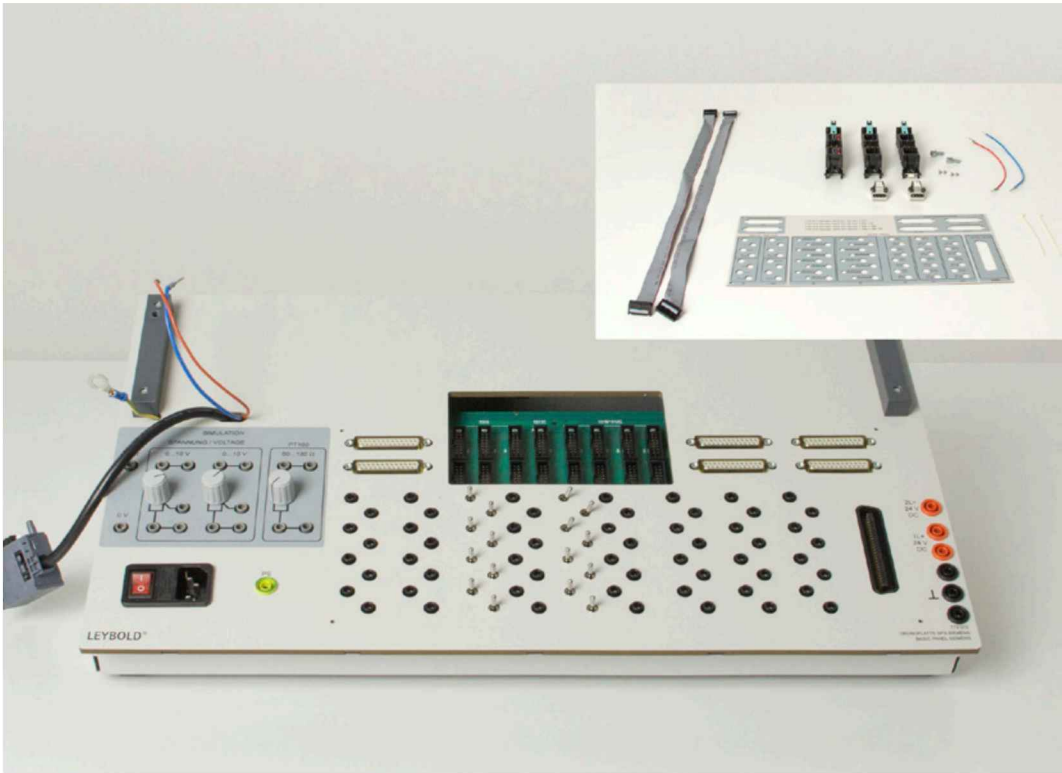
PLC & PROCESS
VISUALISATION

E6.6.3.1

Basic Package
S7-1512C-1 PN

E6.6.3.11

Trainer Package
S7-1512C-1 PN



Basis Paket S7-1512C-1 PN (E6.6.3.1)

Cat. No.	Description	E6.6.3.1	E6.6.3.11
773 070	Basic Panel Siemens	1	
773 073	Assembly set PLC S7-1512	1	
8-1 012027-000-10-0	Siemens HMI TP700	1*	1*
726 10	Panel frame T150, two-level	1*	1*
500 59	Safety bridging plugs, black, set of 10	1*	1*
773 050	ASIMA Plant Simulator II	1*	1*
700 00CBT	DVD: COM3LAB Software	1*	1*
773 072	Simatic PLC S7-1512C-1 PN TP		1
	A selection of 33 masks can be found in E6.7.1.3.	1	1

* additionally recommended

PLC & Process Visualisation

Equipment set E6.6.3.1

This course familiarises students with the most important functions of a stored program control (SPC). The basic package for the Siemens SPC S7-1512C-1 PN contains only the assembly components and accessories. The SPC is not included in the kit.

Equipment set E6.6.3.11

This course familiarises students with the most important functions of a stored program control (SPC). The trainer package for Siemens SPC S7-1512C-1 PN contains assembly parts and accessories including the necessary SPC.

Educational objectives

- Creating programs
- Learn logistics and control functions
- Testing the programs
- Set up the network connections for Profi-Net

Topics

- Programming of an SPC
- Programming method KOP, FUP, AWL, S7-GRAPH
- Expanded program structure
- Logic connections
- Timer and clock timer functions
- etc.

Experiments require the Siemens software TIA Portal to create programs.

The equipment can require additional software modules.