In today's the importance of PLC has rapidly increased with growing demand for training in this area. The standard packages for PLC are module experiment PCB, power supply, programming and operating software. Optional accessories includes digital and analog expansion modules.

Technical Specifications:

Siemens CPU Type	SR20	224	226
Digital Input	12	14	24
Digital Output	8	10	16
Analog adjustments			
(8-bit resolution)	1	2	2
Program Size (words)	2048	4096	4096

General Purpose Simulation PCB

Toggle Switches	8	16	24
LED Display	8	12	16

Internal Memory (bits)	:	256 Boolean Execution speed
Sec. Per instruction	:	037µs/ instruction
PC/PPI Cable Rate	:	9.6, 19.2 & 187.5 K baud
No. Of Ports	:	2
Interface	:	RS485 & LAN
Input Voltage	:	24VDC
Output Voltage	:	5V DC
Potentiometer	:	4 Nos.

General:

Power Supply	:	220V ± 10%, 50/60Hz, 5VA
Included Accessories	:	Programming & Operating software manual, PC/PPI interface cable, Software CD, Softcopy of Siemens Manual
Optional Accessories	:	Digital input & Digital output, Analog expansion modules.

* Micro PLC from Siemens
* Ladder, L|STL & FBD Languages
* PC Based programming
* Ready to use Configuration
* Programming and operating software
* Soft copy of PLC introduction and tutorials
* Choice of PLC and expansion module
* Expandable input/output
* Experiment PCB with Switches, LED's and potentiometers
* Built-in DC power supplies
* Ready experiments
* Operating Manual
* Application Software for car parking, washing machine, Vending Machine, Tank Level Control & Elevator Control

Experiments that can be performed

1. Drink Machine. (For cola, lime and lemon)
2. Car Parking. (For three cars)
3. Tank Level Control. (High level, low level and empty)
4. Step Sequence. (Use of timer at different time interval)
5. How to create delays. (Off delay, pulse, extended pulse)
6. Light Intensity variation.
   (Intensity variation with the help of digital processing)
7. Motor Control.
   (Stepper motor clockwise anticlockwise directional control
8. Digital Electronics Design
   (combinational, sequential & control logic)
9. Process Control Unit. (B&C)
10 Batch Processing (B&C)
11. Washing Machine
12. Escalator Up
13. Escalator Down
14. Induction Motor Control

Note: Specifications are subject to change.

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