

SAP E & C PLC PROGRAMMING TRAINER KIT
(PRODUCT CODE: PCST-14A AND PCST-14A_ECO)



PLC PROGRAMMING TRAINER KIT (PCST – 14A)

The PLC Programming Trainer Kit (PCST – 14A) gives an idea regarding the basics of Programmable Logic Controllers, Ladder Programming Techniques, input-output interfacing of PLC unit & real time usage & applications.

Technical Specification:

No.	Item Name	Technical Specifications
1	PLC Make-	SIEMENS LOGO/AB MICRO 810/Delta/Mitsubishi/Eqvt. Digital inputs- 8, Digital outputs- 4 PC interface facility, PC-PLC interfacing cable. Front panel for display of digital input /output status: Lamps (8 Nos.), LED Indicators (4 Nos.), Ladder diagram programming on PC.
2	Ladder Programming Software-	Logo soft/CCW /Eqvt.
3	Power Supply-	24VDC, 3A Power source. 4"X2"X2"
4	2080-USB ADAPTER-	USB Adapter Plug for Micro810 12-pt only
5	2080-LCD-	1.5 LCD Display and Keypad, for Micro810 & Siemens Logo
6	PLC panel dimensions-	PLC panel: 2 Ft. X 1Ft. X 2 Ft., Mounting Frame: 2FtX1.5FtX2Ft Economy model: 185mm x 90mm x 150mm
7	Necessary Input / Output simulating devices.	
8	Electrical control panel for simulation of digital inputs (Consisting of Toggle Switches 8 no. & proximity sensor 1 No.)	
9	Output compatibility to Solenoid valves, Electric motors as actuating elements in respective assorted	

For More Details Visit Our Website At: www.sapengineers.com, www.sapengineers.co.in E-mail:- sales@sapengineers.com
 SAP Engineers & Consultants, Kothrud, Pune-411 038, India. Ph-(020)25384737

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	Modules.
10	Water level tank with Miniature Level Switches (2 Nos.) and solenoid drain valve (1 No.) (Optional)

Range of experiments:

- ❖ Study Of PLC Ladder programming trainer kit.
- ❖ Study of Ladder Programming Software
- ❖ Study of Auxiliary Experiments.
- ❖ Study of Timers and Counters.
- ❖ Study of Logic Gates
- ❖ Study of interfacing of Proximity sensor with PLC unit.
- ❖ Study of Water level drain control operation (optional)

Features: -

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Robust Construction.
- ❖ Enhanced Electrical Safety Considerations.
- ❖ Self-explanatory instruction manuals, copy of S/W are provided.
- ❖ Inbuilt Safety Measures to avoid improper usage.
- ❖ Computer Interface.

System Dimensions: Approx. 2 Ft. (L) X 1.5 Ft. (W) X 4 Ft. (H)

Weight: Approx. 25Kg

Services Required:

- ❖ Electric Supply of 1φ 230 VAC, 6A, 50Hz.
- ❖ Laptop/Desktop Computer with latest configuration.

Note:

All descriptive matter and illustrations are intended to give only a general idea of the equipment Detailed specifications may be altered at the company's discretion without any notice.

