

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



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

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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 1 ϕ 230 VAC.
- ❖ 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.

Manufactured/Marketed By
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