

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



FIG. PLC PROGRAMMING TRAINER KIT WITH WATER LEVEL CONTROL MODUL (PCST – 14A)

The **PLC Programming Trainer Kit (PCST – 14A)** gives an idea regarding the basics of Programmable Logic Controllers & its applications.

Technical Specification: -

No.	Item Name	Technical Specifications
1	PLC Make-	SIEMENS LOGO / ALLEN BRADLEY MICRO 810 / / STD. EQUIVALENT Digital inputs- 8, Digital outputs- 4 PC interface facility, PC-PLC interfacing cable. Front panel for display of digital input /output status: Lamps (8 No.s), LED Indicators (4 No.s), Ladder diagram programming on PC.
2	Ladder Programming Software-	Logosoft / CCW (Connected Components Workbench) For Micro 810/ Standard Equivalent.
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 Only (Optional)
6	PLC panel dimensions-	2 Ft. X 1Ft. X 2Ft. With visible transparent front fascia.
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	SCADA SOFTWARE connectivity for PLC (Optional).	
11	High speed Frequency input (Optional).	
12	Water level tank (Optional) with Miniature Level Switches (2 No.s) 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 water level control application (**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 1Ft. (W) X 2 Ft. (H)

Services Required:

- ❖ Electric Supply of 1 ϕ 230 VAC motor.

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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