

# SAP E&C PLC PROGRAMMING TRAINER KIT. (PCST 14A)

PLC Programming Trainer Kit gives an idea regarding the basics of Programmable Logic Controllers & its applications.



## System Specifications:

- ❖ 6 Digital input / 4 Digital outputs.
- ❖ 24VDC, 1.5A Power source.4”X2”X2”.
- ❖ I/p- O/p LED indication on front panel.
- ❖ PC interface facility. PC-PLC interfacing cable1760-CBL-PM02
- ❖ Necessary I/p-O/p simulating devices.
- ❖ Ladder diagram programming on PC.
- ❖ SCADA SOFTWARE connectivity for PLC.(optional)
- ❖ Electrical control panel for simulation of digital inputs (for switches 4 no.& proximity sensors 2no, miniature level switch 1no.)
- ❖ Front panel for display of digital output status: Lamps (2no.), LED INDICATORS (4no.).
- ❖ PLC panel dimensions: 1.5Ft. X 1.5Ft. X 1.5Ft. With visible transparent front facia.
- ❖ High speed Frequency input.
- ❖ Inductive/ proximity limit switches (digital inputs), relay outputs (digital outputs)
- ❖ Optical sensor 1no. For position.
- ❖ Output compatibility to Solenoid valves, Electric motors as actuating elements in respective assorted modules.

**PLC MAKE: ALLEN-BRADLEY/ STD. EQUIVALENT**

## 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 (Optional).

## Range Of Experiments:

- ❖ Study Of PLC Ladder programming trainer kit.
- ❖ Study of Auxiliary Experiments.

## Services Required:

- ❖ 230 V AC 50 Hz Single Phase Supply.

**System Dimensions:** 1.5Ft. (L) X 1.5Ft. (W) X 1Ft. (H)

## 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

**SAP ENGINEERS & CONSULTANTS**

***Sales Office:*** Shop no.A-26, Srushti, S.NO.82/11+12+33+34, Nr. Guruganesh Nagar,  
Eklavya college Road (D P Road), Kothrud, Pune-411038.

***Regd. Office:*** 2, Nirmitee Vihar, S.NO.52, Plot no.35/2, Kothrud, Pune-411038.

*Tel: (020)25384737, Fax: (020)25383544 Cell: (0)9422088946*

E-mail: [pravinsdeode@vsnl.net](mailto:pravinsdeode@vsnl.net)

Website: [www.sapengineers.co.in](http://www.sapengineers.co.in), [www.indiamart.com/sapengineers](http://www.indiamart.com/sapengineers)