



Product Overview

The Programmable Logic Controller (PLC) Trainer Kit is a complete industrial-grade training platform designed for teaching, practicing, and troubleshooting PLC control systems. It integrates real-world hardware, modular I/O boards, simulation processes, and HMI interaction to provide hands-on experience in automation and industrial control applications.

Engineered with a robust structure and equipped with genuine lifetime-licensed PLC software, the system supports a full range of programming, wiring, diagnostics, and process simulation exercises.

Key Features

System Construction

- Heavy-duty steel frame with high-quality surface finishing
- Modular, expandable training architecture
- Built-in power control panel with main ON/OFF switch and Ethernet (or similar) programming interface
- Independent experimental circuits for flexible training configurations
- Comprehensive system protection for safe operation

Integrated Components

- Instrumentation devices (VDC meters, potentiometers, etc.)
- Simulation panel supporting various real-time industrial processes
- Pre-wired programming and troubleshooting modules

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
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- Wiring and control diagnostic modules
- Clearly labelled input/output boards
- Relay and extension panels
- Human Machine Interface (HMI) panel

I/O Expansion Panel

- **4 Analog Inputs**
- **2 Analog Outputs**
- **8 Digital Inputs**
- **8 Digital Outputs**

Operating Specifications

- Industrial-grade buttons, indicators, wiring, and connectors
- Power Supply Panel: **230 V AC, 50 Hz**, with internal and external output sockets
- Experimental DC Power: **24 V DC**
- Designed for continuous operation in technical laboratories and training centres

Software

- Genuine, lifetime-licensed PLC programming software
- English language interface
- Supports full programming, testing, simulation, and diagnostic operations

Scope of Supply

- PLC Trainer Kit with complete accessories – **1 No.**
- Operating Manuals (English, hard & soft copies) – **2 Sets**
- Service & Maintenance Manuals (English, hard & soft copies) – **2 Sets**
- Spare Parts & Workshop Manuals (English, hard & soft copies) – **2 Sets**
- PLC Training Book and Flash Drive with Exercises – **2 Sets**
- Electrical & Mechanical Toolboxes (Standard & Special tools) – **2 Sets**

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