

PLC TRAINER MODEL – CMEPL-109



SL NO.	Name of the Item	Specification
1	Siemens PLC Trainer Kit . Model-CAD-Mech- CMEPL-109, Make-CAD-Mech Engineering Private Limited, Pune.	• PLC: -Siemens- Siemens S7-300 or S7-1511C. • HMI: -KTP-7" HMI Siemens Make. • Digital Inputs: - Each PLC Having 16 Nos. digital inputs with toggle switches with 4mm shrouded connectors for convenient to make the external connections. • Digital Outputs: - Each PLC Having 16 Nos. digital outputs with LED Lamp Indicator with 4mm shrouded connector for convenient to make the external connections. • Analog Inputs: - Each PLC Having 04 Nos. analog inputs with Analog signal (0 – 10 V D C variable & 4- 20mA) on panel for Analog signal simulation. • Analog Outputs: - Each PLC Having 04 Nos. analog outputs with Analog signal (0 – 10 V D C variable & 4- 20mA) on panel for Analog signal simulation. • Relay Card: -Eight Relays should be provided with 24 V DC I / P and 5A O / P with separate rail mounted sockets. • PANEL: All the PLC are mounted on integrated aluminum-based Powder coated removable structure with I / P and O / P racks are separated with Rail mounted terminal strip, and cable tags & proper feruling. • External Power Supply: 24 V DC and GND brought on the 4mm shrouded connectors. • I-O Connector: all I/O's are brought on the 4mm connectors for PLC to Simulator or external device. • Power Supply: 230-volt AC single phase, protection circuit for PLC.
2	Software and Cables	• Software: Siemens TIA (Step 7 Professional V14 or Latest)- Licensed copy of Ladder Logic Programming, Editing & Debugging, up-down loading & testing software with sample programs and all the four PLC models are suitable to Interface application modules.
3	Industrial Application (Optional)	Conveyor Controls
		Indexing Fixtures
		Pneumatic Control Fixture