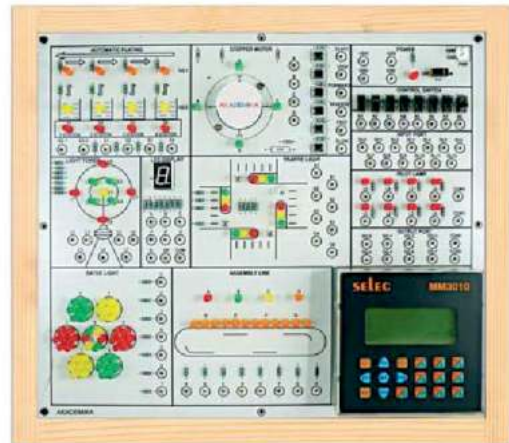


CL-PLC Programmable Logic Controller Trainer



SPECIFICATIONS

- 13 digital inputs and 8 digital outputs
(Optional 4 Analog Input and 2 Analog Output)

Supply voltage

- 85-270VAC

Display

- LCD (backlight) 4line x 16 characters Font size 5X7mm

Digital input

- 13 Digital input, PNP type

Digital output - Relay

- Digital output (RelayType)

Programming Method

- Windows based software for ladder programming and HMI configuration

Memory

- Data memory: 16kbytes
- Code memory: 351kbytes
- Upload memory: 96 kbytes

Communication Ports

Rs485

Communication Protocol

MODBUS RTU

RTC

Yes (with 2 years battery life from the date of manufacture)

Onboard user interface

- 7 segment LED display
- Stepper motor
- 16SPDT slider switches
- 13DPDT slider switches
- 29Tact switches
- 174 LEDs available onboard

EXPERIMENTS

- Day light tower
- Traffic light control
- Four-phase stepper motor control (physical control)
- Automatic liquid mixing device
- Assembly line control
- Water level control tower
- Manipulator control
- LED digital control
- Four conveyor control
- Vending machine control
- Three floor elevator control
- Mail sorting control
- Rolling mill control
- Automatic plating
- Logic gate (AND, OR, NOT, NOR, NAND, EX-OR, EX-NOR)

