



Programmable Logic Controller Trainer (basic)



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Equipment Overview

- This trainer is suitable for courses such as 'PLC Technology', 'Electric Appliance and PLC Control Technology' and 'PLC Application'.
- It is mainly composed of control panel, PLC mainframe, modular simulation modules and so on.
- The training table adopts plastic sprayed steel structure and designed with drawer, which is convenient for the storage of tools and modules. The table top is made up of high density board, with fireproof, waterproof and wearproof function.
- Frequency converter and motor can be added to extend the experiment content when needed. (optional)
- Safety protections: grounded, lead protection, safety in accordance with related GB standards. Insulated safety sockets, sheathed cables and wires.

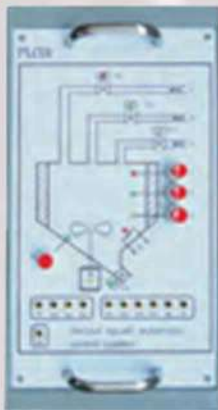
Training Content

- PLC basic instruction training
- Motor forward and reverse control simulation
- Television transmitting tower simulation
- Traffic light control system simulation
- Automatic goods delivery and loading system simulation
- Automatic water tower water level control simulation
- Automatic molding machine system simulation
- Various liquids automatic control system simulation
- Automatic punching machine control system simulation
- Elevator control system simulation
- Automatic mail sorting system simulation
- Automatic washing machine control system simulation
- Plating control system simulation
- Automatic vending machine system simulation
- Relay control experiment
- Software simulation control

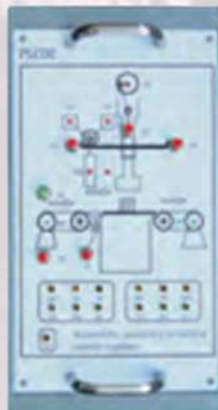
Technical Parameters

1. Input Voltage: AC 380V/220v, 50Hz
2. Temperature: -5~40°C, Below RH 90%
3. Overall power consumption: 0.3 kVA
4. Dimensions: Table 1575mm×680mm×835mm (approx.) Bench 1130mm×250mm×720mm (approx.)

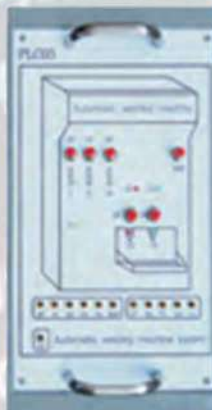
Simulation Modules



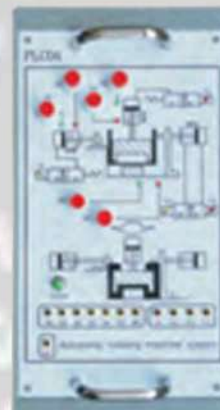
PLC01



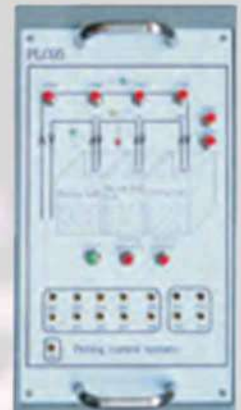
PLC02



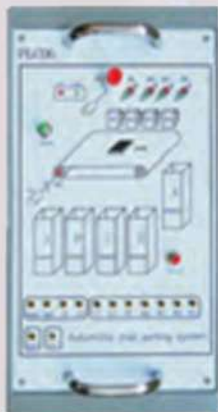
PLC03



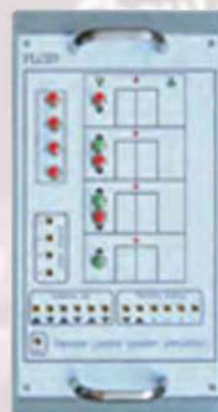
PLC04



PLC05



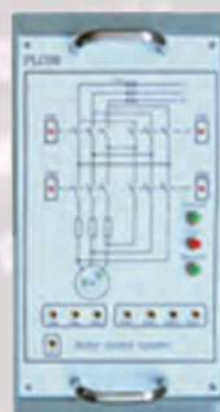
PLC06



PLC07



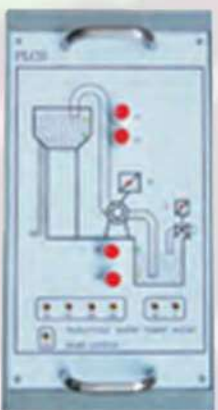
PLC08



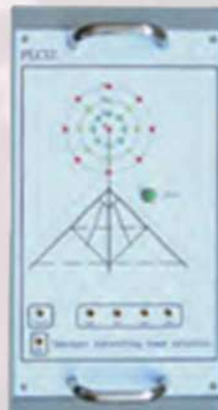
PLC09



PLC10



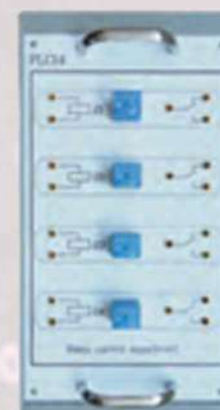
PLC11



PLC12



PLC13



PLC14

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PLC01 Various liquids automatic control system
PLC02 Automatic punching machine control system
PLC03 Automatic vending machine system
PLC04 Automatic molding machine system
PLC05 Plating control system
PLC06 Automatic mail sorting system
PLC07 Elevator control system

PLC08 Automatic washing machine control system
PLC09 Motor forward and reverse control
PLC10 Traffic light control system
PLC11 Automatic water tower water level control
PLC12 Television transmitting tower
PLC13 Automatic goods delivery and loading system
PLC14 Relay control experiment