

**Product Name :**  
PLC Training Kit**Product Code :**  
POL-PLC0001**Description :**

PLC Training Kit

**Technical Specification :**

Training box with PLC which includes 14-way ON/OFF input, 10-way relay type output, It can finish the study of PLC programming software, application training, study of typical PLC programming method, typical PLC project training etc.

**Main parameters**

Power supply voltage: single phase AC220V, 50Hz

Size: 420mm \*310mm \*125mm, weight: 2.5kg

PLC: CPU124-1R

14 digital value input, 10 relay type digital quantity output, can be extended to 3 module; compatible with S7-200 PLC. It adopts FLASH technology over-long time power down keeping, no need battery support, data can be stored for 10 year; With one of communication interface, support the PPI communication protocol.

**Accessories**

Power line: 1 pcs

2mm jumper wire: 20 pcs

Programming device cable: 1 pcs

Programming software: STEP 7 MicroWIN

**Experiments**

Study of STEP 7 Micro-WIN software

Motor point control experiment

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To learn PLC basic logic instruction  
To master PLC basic programming method  
Motor start/ stop control experiment  
To practice PLC basic logic instruction application  
To learn the programming method of self-latching circuit  
Motor forward/reverse control experiment  
To practice PLC basic logic instruction application  
To learn the programming method of interlock circuit  
Motor Y/? start control experiment  
To learn PLC timing instruction  
To learn PLC programming rules  
Traffic light control experiment  
To practice the typical application of PLC timing instruction  
Table tennis competition simulation experiment  
To learn PLC move instruction and data shift instruction  
Liquids mixing system control experiment  
To learn the PLC sequential control relay instructions  
Sky tower light control experiment  
To learn and practice the PLC programming method of typical sequential control programs  
Responder control experiment  
To learn the method of controlling IN-7 nixie tube by PLC



## Engineering Lab Equipment India