



Pneumatic Trainer

Category: Pneumatic, Hydraulic & Fluid Mechanics · Model reference: MZM-6003



SPECIFICATIONS

DESCRIPTION:

The MZM-6003 advanced electro pneumatic training system is added with electronic control units on the basis of pneumatic training system. It uses a separate relay control unit and multiple buttons for electrical control. Users can also choose a PLC so as to further understand and master the PLC. The PLC can communicate with a PC to realize intelligent control. Experimental Project Type (Different pneumatic loops and control systems can be formed by users themselves)

- Basic pneumatic control loop experiment
- Automatic control of single action cylinder
- Automatic control of double action cylinder
- Application of PLC control technology
- Application of relay control technology
- Other comprehensive, expanded pneumatic loop experiments

Examples of Basic Pneumatic Loop

- Delay loop
- Buffer circuit
- Speeds change loop
- Interlock circuit
- Overload protection circuit
- Secondary pressure control loop
- High and low voltage conversion circuit
- Single-acting cylinder speed control loop
- Double-acting cylinder one-way speed control loop
- Double-acting cylinder two-way speed control loop
- Single-acting cylinder commutation circuit
- Double-acting cylinder commutation circuit
- Single-cylinder reciprocating control loop
- Single-cylinder continuous reciprocating loop
- Sequential action loop of straight-line cylinder and rotating cylinder
- Multi-cylinder sequential action loop
- Double cylinder synchronous action loop
- Unloading loop
- Application circuit of OR gate shuttle valve
- Application circuit of AND gate double-pressure valve
- Application circuit of quick exhaust valve
- Application of magnetic inductive proximity switch
- Application of the sensor in the control system
- Relay control loop
- PLC-controlled pneumatic circuit and system

Send Enquiry **Your Name**

Your Email

Tele Phone

