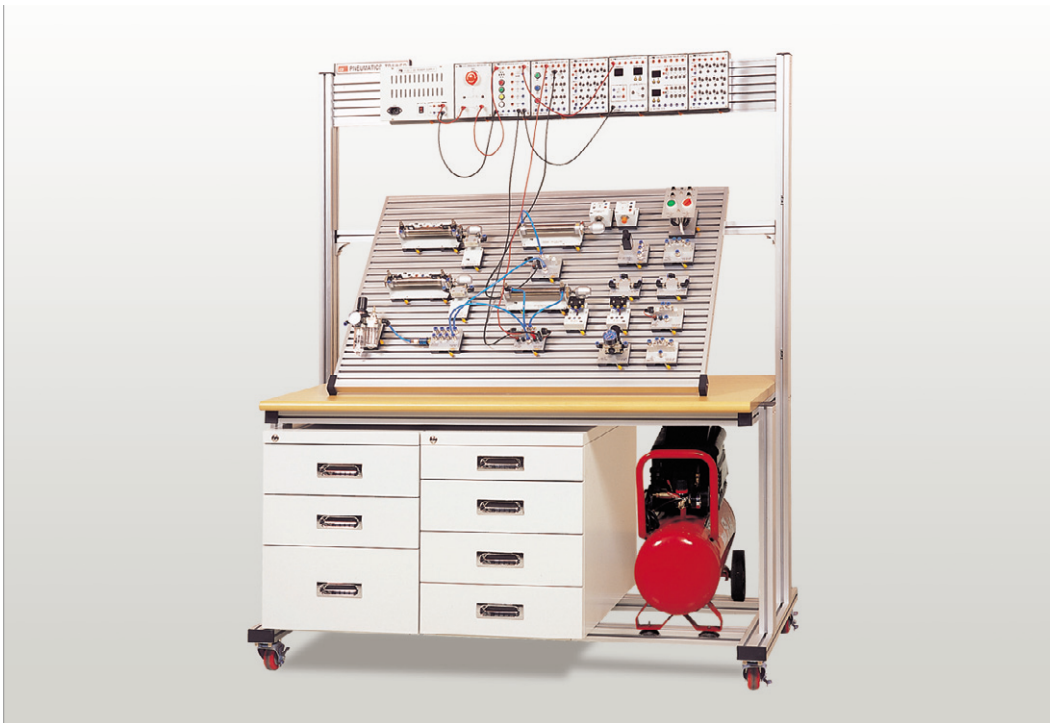


PNEUMATICS TRAINER

ED-7860

- Convenient parts fixation by 'one-touch lever' bases and aluminum profile structure
- Efficient space utilization by mounting parts horizontally/vertically
- A complete pneumatic training system to help achieve advanced level of skills and obtain pneumatic engineering related licenses
- 100 pneumatic and electrical/electronic parts plus 50 types of optional components
- Various pneumatic devices and components for Flexible Manufacturing System



> EXPERIMENTS

- Methods of configuring pneumatic control circuits
- Functions and applied examples of various pneumatic components
- Basic Circuits in use of Directional Control Valves(6 Circuits)
- Cylinder's speed control circuits(6 Circuits)
- AND, OR, NOT logic circuits(4 Circuits)
- Pressure Control(2 Circuits)
- Time characteristics circuits(4 Circuits)
- Pneumatic sensor control circuits(3 Circuits)
- Signal restraint and signal elimination circuits(3 Circuits)
- Various types of basic circuit(7 Circuits)
- Principles of electrical engineering
- Electrical components and characteristics of pneumatic circuits
- Electrical Safety and Emergency Stop Circuits
- Basic circuits in use of various Solenoid Valves(5 Circuits)
- Circuits configuration applied to Relay and Timer(3 Circuits)
- Automatic control circuits in use of various proximity sensors (4 Circuits)
- Applied experiments on mechanical pneumatic system(6 Circuits)
- Applied electro pneumatic circuits(6 Circuits)
- PLC Control based application circuits(4 Circuits)

> CONFIGURATION

- Common Equipment & Component Requirements(PT-7861)
- Components of Pneumatic Control(PT-7862)
 - » Essential Components(PT-7862-1)
 - » Additionally Recommended Components(PT-7862-2) [OPTION 1]
- Components of Electro Pneumatic Control(PT-7863)
 - » Essential Components(PT-7863-1)
 - » Additionally Recommended Components(PT-7863-2) [OPTION 2]
- Experimental Teaching Support Materials [OPTION 3]
- Others [OPTION 4]

