

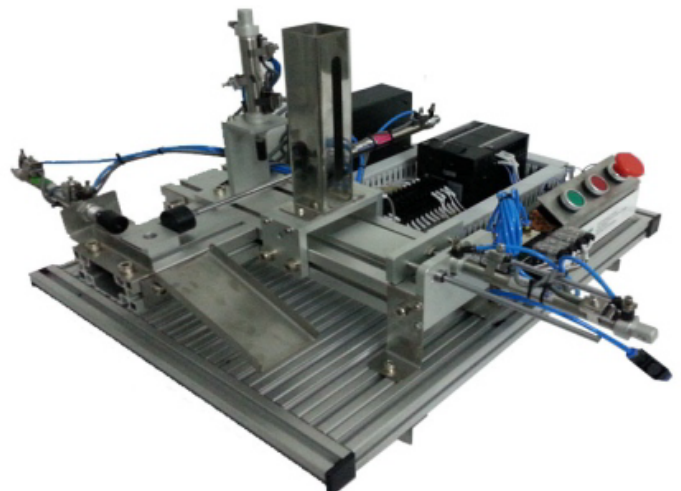
ELECTRO PNEUMATIC MATERIAL CHECKING APPLICATION TRAINING SET (EPA04)

Description

The Electro Pneumatic Material Checking Application Training Set is a hands-on educational tool designed to teach the principles of electro-pneumatic systems used for material checking and quality control. It typically includes a range of components such as sensors, actuators, and controllers, allowing users to build and simulate different checking and sorting applications. The set provides practical experience with integrating pneumatic technology and electronic control systems, making it ideal for training in automation and industrial processes.

Able to learn : -

- Function and characteristic of material feeding, checking, transfer and sorting system
- Function and use of cylinder transfer module
- Function and use of material ejecting module
- Function and use of material checking module
- Design and reading of electrical and pneumatic diagram of the system
- Calculate and determine the pressure and speed of the system
- Identify different proximity sensor
- Creating sequence control by PLC program
- Fault findings in electrical hydraulic control system



Required Item

- Material Checking Training System
- Operation Manual
- Experiment Manual
- Air Compressor

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Technical Specification : -

No	Component	Qty	No	Component	Qty
1	Aluminum Training Profile Table	1	8	Air Service Unit	1
2	PLC CPU unit	1	9	Air Fittings	1
3	Termination Block	1	10	Solenoid Valve	4
4	Operation Push Button module	1	11	DC Power Supply	1
5	Linear actuator	4	12	Pneumatic Tubing (1M)	20
6	Proximity Sensor	8	13	Air Flow Control Valve	8
7	Photo Electric Sensor	3	14	Material Checking structure	1