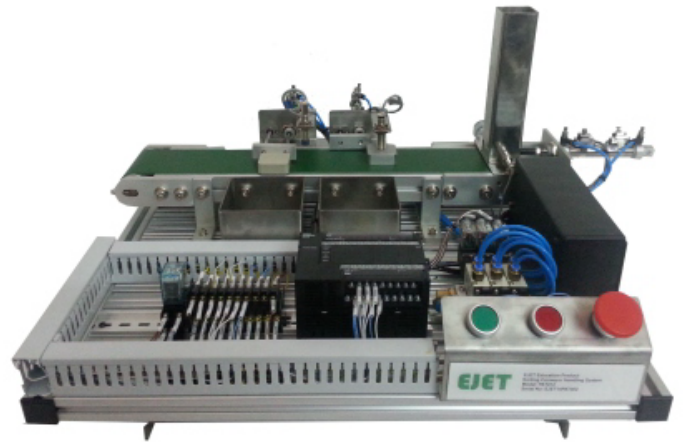


ELECTRO PNEUMATIC CONVEYOR SORTING APPLICATION TRAINING SET (EPA03)

Description

The Electro Pneumatic Conveyor Sorting Application Training Set is an educational kit used to demonstrate and practice automated sorting with conveyor systems. It features a conveyor belt, pneumatic components, and electronic controls, allowing users to learn how to program and manage sorting tasks. This setup helps teach the integration of mechanical, pneumatic, and electronic systems in a practical hands-on way.



Able to learn : -

- Function and characteristic of automatic sorting system
- Control the speed and force of pneumatic cylinder
- Design and use of solenoid control valve
- Design and reading of electrical and pneumatic diagram of the system
- Construct and operation of automatic sorting system
- Calculate and determine the sorting conveyor speed operation
- Identify different proximity sensor
- Creating sequence control by PLC program
- Fault findings in electrical hydraulic control system

Required Item

- Automatic Conveyor System
- Operation Manual
- Experiment Manual
- Air Compressor

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Technical Specification : -

No	Component	Qty
1	Conveyor Belt Unit	1
2	Linear Actuator	3
3	Proximity Sensor	6
4	Solenoid Control Valve	3
5	PLC controller	1
6	Operation Push Button	1
7	DC Power Supply unit	1
8	Terminal block	1
9	Feeding tower unit	1
10	Metal Work piece	10
11	Plastic Work piece	10
12	Aluminum Profile Work table	1
13	Pneumatic Tube (1M)	20
14	Air Fittings	1