

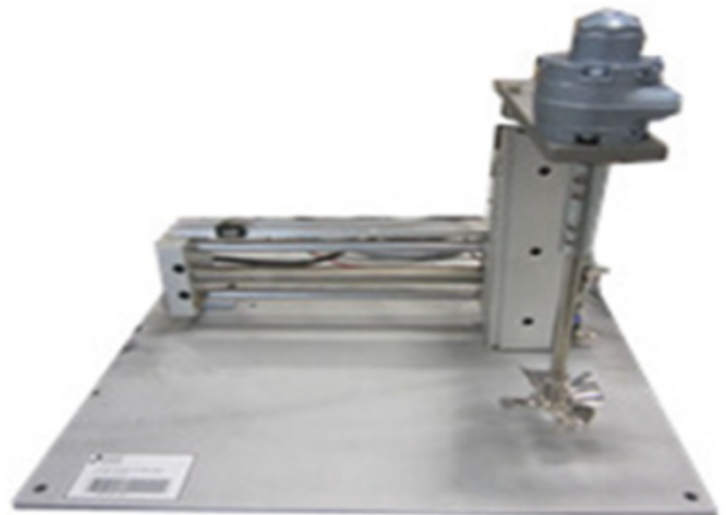
# PLC PNEUMATIC 2 AXIS MIXING APPLICATION TRAINING SET (EPA01)

## Description

The PLC Pneumatic 2 Axis Mixing Application Training Set is a training tool that demonstrates how pneumatic systems can be used to control a two-axis mixing process. It includes pneumatic components and mechanisms to help users learn how to manage and operate mixing applications through hands-on practice.

## Able to learn : -

- Function and characteristic of 2 axis pneumatic mixing system
- Control the speed and torque of air motor
- Control the speed and position of different pneumatic cylinder
- Apply different pneumatic directional valve
- Design and reading of pneumatic diagram of 2 axis system
- Construct and operation sequence of pneumatic mixing process
- Calculate and determine the pressure and speed of the mixing operation
- Fault findings in pneumatic control system



## Required Item

- Automatic Pneumatic Mixing system
- Operation Manual
- Experiment Manual
- Air Compressor

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## Technical Specification : -

No	Component	Qty
1	Rotary Pneumatic Actuator	1
2	Twin Rod Pneumatic Actuator	1
3	Linear Pneumatic Actuator	1
4	Propeller unit	1
5	5/2 way single solenoid valve	3
6	Air flow control valve	5
7	Aluminum work base	1
8	Proximity Sensor	4
9	PLC Unit Controller	1