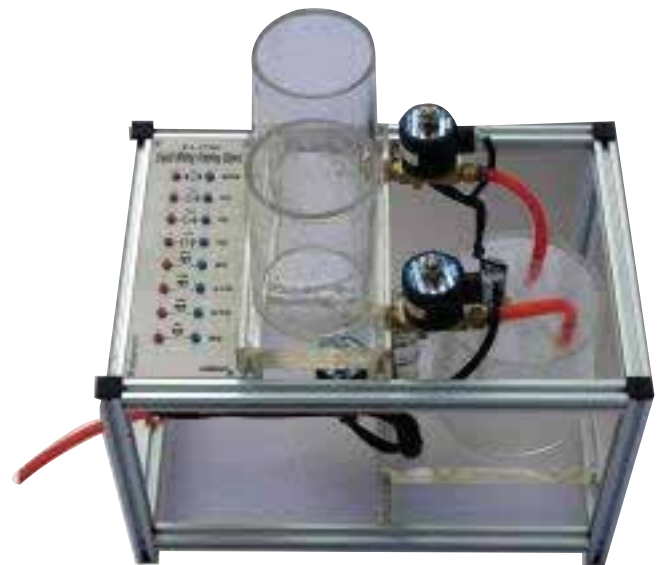


PLC BASED LIQUID MIXING TRAINER

MOD : AS-PL002

INTRODUCTION

The PLC-Based Liquid Mixing Trainer is an advanced educational system designed to simulate industrial liquid mixing processes. Equipped with a Programmable Logic Controller (PLC), it allows learners to automate and control mixing operations, monitor levels, and adjust flow rates with precision. Ideal for hands-on training, this compact trainer bridges theoretical concepts with real-world applications in process automation.



TECHNICAL SPECIFICATION

- ♦ EXPERIMENTAL CAPABILITIES
- ♦ Study of levels switch,
- ♦ Study of solenoid valve,
- ♦ Programming of PLC
- ♦ Study of PLC and its real life applications,
- ♦ Latches and PLC Program editing
- ♦ PLC Application of Liquid mixing process,
- ♦ Advance use of sequencing
- ♦ Fault finding and troubleshooting
- ♦ COMPONENTS
- ♦ 1. Sump tank, 1 Nos., 2. Supply Tank, 3 nos.,
- ♦ 3. Process Tank, 1 Nos.,
- ♦ 4. Level switches, 5 Nos. 5. Centrifugal pump, 1 Nos.,
- ♦ 6. Solenoid valve, 1 Nos.,
- ♦ 7. Power supply and interface
- ♦ 8. Piping, 9. Structure, 10. Wiring. □

OPTIONAL

1. PLC with PC interface cable
2. PLC Trainer.

SERVICES

1. Electric supply 230 V AC, 50Hz
2. Water with drain arrangement

Original packing: Each equipment delivered in original pack in a single box and end user open the box first time at delivery point.

Accessories :

Connecting jack 2 mm/4 mm : 01 Set ,
Power Cable: 01 no , PLC to PC
Communication cable: 01 Sets,
Simulation software for compatible PLC ,

Others :

Origin(Parts) : China, Taiwan, Japan
Manufacturing: Assemble in Bangladesh
Installation, Training
Warranty: 01 year