



PROCESS PID CONTROL TRAINER-FLOW/LEVEL

RP 118

Description:

For most chemical processes controlling of inlet and outlet flow rate from reactors, level plays an essential role. Flow rate should be adjusted according to rate of the reaction otherwise the result would not be desirable. There are several methods to control flow rate which are mostly based on turbine flow meters or ultrasonic methods. This unit is used for easy learning all the basics of flow and level control with a user-friendly setup.

Specifications:

- Centrifugal pump
- Rotameter
- Feed reservoir
- Transparent scaled plexiglass tank
- Flow transmitter
- Pressure Transmitter
- Inverter
- Piping system with valves and fittings
- HMI touch panel and PLC software
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Effect of PID coefficients on unit performance
2. Familiarizing with all of the flow and level control equipment
3. Precise control of level and flow with a professional software

Required For Operation:

- 220V Single Phase Electricity
- Distilled Water
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm:900×550×1550

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