



PROCESS PID CONTROL TRAINER-PH

RP 117

Description:

This unit is used for easily understanding the working principle of pH control. The pH of the solution is measured by a pH meter where in the case of difference pH value between sample and the set point, acid or base is inserted by a peristaltic pump to achieve the required pH. The solutions are stored in glass containers equipped with stirrer.

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Specifications:

- Primary and secondary solution tanks
- Transparent tank with stirrer
- Peristaltic pumps
- PH meter sensors
- Piping system with valves and fittings
- Rotameter
- 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. Observing the working principle of a PH control system
2. Effect of PID coefficients on unit performance

Required For Operation:

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



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Dimensions (L*W*H) mm:1500×750×1400

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