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Product Name :
Pressure Process Training System

Product Code :
LBNY-0005-1850008



Description :

The self-contained unit can do many experiments, but it can also connect to other products in the range for extra experiments. The Pressure Process Training System is a compact and mobile unit for a wide range of experiments in pressure control. It gives students a greater understanding of the stability of simple control systems. For distributed control, it can connect to the optional Computer Control System. For cascade control of flow and pressure, it can link to the optional Flow Process Training System.

The main parts are:

- Industrial controller with auto-tune feature
- Current-to-pressure converter
- Gauge pressure transmitter
- Pressure accumulator
- Three-speed pump
- Reservoir
- Two-channel chart recorder
- Pneumatic control valve.

Technical Specification :

Experiments:

- The principles of loop control and the calibration and tuning of controllers, transmitters, converters and valves
- Setting up and demonstrating automatic control
- Cascade control of flow and pressure.
- Proportional, integral and derivative control.



Laboratory Instrument India