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Product Name :
Level And Flow Process Control Learning System

Product Code :
LBNY-0005-1280005



Description :

The workstation is constructed of heavy-duty, welded steel. Industrial quality components are mounted and plumbed in a closed loop circuit to control the water flow between two tanks or the liquid level in one tank. The Level And Flow Process Control Learning System teaches two of the most common types of process control systems, flow and liquid level, and the basic concepts on which other systems are based. All components are connected to banana jacks on the control panel to allow students to measure signals and connect the devices in a wide variety of control configurations. Students will learn to calibrate, adjust, install, operate, and connect process control systems in industrial applications. The process control simulator includes a bench-top workstation, process control network, control panel, student learning materials for both theory and lab, and teachers guide.

This allows students to study a wide range of process control methods. The relay control includes manual input switches, control relays, solenoid valves, and float switches to perform automatic on/off liquid level control. Level And Flow Process Control Learning System offers 3 types of controllers: relay control, the standard, and two options: PID controller and PLC control. Manual valves are used to switch between the PID and on/off control methods. The PID controller option enables variable electronic control of either liquid level or flow and the PLC controller option enables both on/off and PID control of the system.

Features:

- Interchangeable Components
- Built-In Instrumentation
- Industrial Standard Components
- Student Reference Guide
- Heavy Duty Welded Steel Workstation

Industrial Safety Devices
3 Types of Controller Options
PLC Interface
Multimedia Curriculum Available.

Technical Specification :

Requirements:

Compressed Air
Electricity
PID Controller Module
6 Workstation
Hand Tool Package
Water Source.



Laboratory Instrument India