

Process Control



DESCRIPTION

Training Solutions for below Subjects :

- ✓ Instrumentation technology
- ✓ PLC Training system
- ✓ Closed-loop control technology
- ✓ Servo technology
- ✓ Applied Automatic Control Technology
- ✓ Designing closed loop controllers

PROCESS CONTROL TRAINER, DOWNSIZED

A working, large scale, yet economical, fluid process system allowing for hands-on training relating to the measurement and control of process variables including level, pressure and flow. The device allows for the creation of simple process loops using common, industrial-quality instruments and controllers. An "open architecture" allows for integration of alternate instrumentation as needed to address local training needs. Variable supply disturbances can be inserted using solenoid valves in combination with metered ball valves. The device includes the capability of establishing several control schemes.

PROCESS CONTROL TRAINER (BASIC)

A working, large scale, fluid process system allowing for hands-on training relating to the measurement and control of process variables including level, pressure and flow. The device allows for the creation of simple and advanced process loops using common, industrial-quality instruments and controllers. An “open architecture” allows for integration of alternate instrumentation as needed to address local training needs. Variable demand and supply disturbances can be inserted using solenoid valves in combination with metered ball valves. The device includes the capability of establishing cascade, feed forward, feedback, feedback split range, ratio, and three-element control schemes. Clear PVC piping allows the student to see process changes based on control parameters or intentional disturbances. Quick-disconnects are provided allowing the training aid to be connected to other similar units or a temperature process trainer, facilitating more complex process systems.