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Product Name :
Process Control Engineering Experimental Plant

Product Code :
LBNY-0005-12700092



Description :

Supply unit with compressor, pressure vessel, pump and heater
Control station with four industrial controllers,
3-channel line recorders and fault simulation
Control of level, flow rate, pressure, temperature and cascade control
Temperature control with three delay sections
Pressure control via compressed air
Control of level, flow rate and temperature with water
Trainer with pump, collecting tank and two tanks for level and pressure control
5 pneumatic control valves as actuators
Level control with or without counter pressure, or second order system analysis.

Technical Specification :

Tanks
Level / pressure: 25L
Level, 2nd order: 25L
Collecting tank: 100L
Pump
Max. head: approx. 60m
Max. flow rate: approx. 55L/min
Compressor
Pressure vessel: 270L
Max. pressure: 10bar

Heater power output: 18kW
Controller parameterisable: P, PI or PID controller.



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