



Email : sales@laboratoryinstrumentindia.com

Product Name :
Flow Level Control Demonstration Unit

Product Code :
LBNY-0005-12700088



Description :

Flow measurement by rotameter with electrical output
Generation of disturbance variables by ball valves with scale
Tank with overflow and scale
Experimental unit for control engineering experiments
Level and flow control individually, and cascaded
Large process schematic on front panel
Key process variables accessible as analogue signals at lab jacks
Level measurement by pressure sensor
Control valve: electromagnetic proportional valve
2 digital industrial controllers, parameterisable as P, PI or PID controllers, cascade.

Technical Specification :

Storage tank
Capacity: 15L
Stainless steel
Pump, 3-stage
Power consumption: 90W
Max. head: 6m
Max. flow rate: 83L/min
Electromagnetic proportional valve: Kvs: 1,1m³/h
Pressure sensor: 0...100mbar
Rotameter with electrical output: 0...600L/h

2x controllers: parameterisable as P, PI or PID controller.



Laboratory Instrument India