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**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: 1,1m<sup>3</sup>/h  
Pressure sensor: 0...100mbar  
Rotameter with electrical output: 0...600L/h

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



**Laboratory Instrument India**