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**Product Name :**  
Level Control Demonstration Unit

**Product Code :**  
LBNY-0005-12700086



#### **Description :**

Level control with transparent tank  
Level-controlled tank with overflow and graduated scale  
Level measurement by pressure sensor  
Experimental unit for control engineering experiments  
Large process schematic on front panel  
Process variables X and Y accessible as analogue signals via lab jacks  
Generation of disturbance variables by ball valve with scale in outlet  
Control valve: electromagnetic proportional valve  
Multi-functional digital industrial controller.

#### **Technical Specification :**

Storage tank  
Capacity: 15L  
Stainless steel  
Pump, 3-stage  
Max. flow rate: 70L/min  
Max. head: 5,6m  
Power consumption: 100W  
Electromagnetic proportional valve: Kvs: 1,1m<sup>3</sup>/h  
Pressure sensor: 0...100mbar  
Process variables as analogue signals: 0...10V  
Controller: parameterisable as P, PI or PID controller

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Connection of external recording devices (e.g. oscilloscope, line recorder) via lab jacks.



**Laboratory Instrument India**