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**Product Name :**  
Multivariable Control Vacuum Degassing

**Product Code :**  
LBNY-0005-12700083



#### **Description :**

Circuit with pump for operation of the water jet pump  
Level control with pneumatic control valve as actuator  
Pressure control with pneumatic control valve in the circuit for operation of the water jet pump  
Coupled level and pressure control in one vacuum tank  
Level controller and pressure controller configurable and parameterisable with software  
Water circuit with vacuum tank, collecting tank, pump and ambient air input device  
Water jet pump to generate a negative pressure in the vacuum tank.

#### **Technical Specification :**

2 centrifugal pumps  
Water jet pump: final vacuum: approx. 0,3bar  
Max. flow rate: approx. 50L/min  
Max. head: approx. 30m  
Tanks  
Vacuum tank: 19L  
Collecting tank: 100L  
Switching controller  
P, PI or PID controller  
Measuring ranges  
Flow rate: 1x 200...2500L/h, 1x 0...360L/h  
Pressure: -1...0,6bar  
Level: 30...480mm.



**Laboratory Instrument India**