



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Evaporation Process Experiment

**Product Code :**  
LBNY-0005-103000129



#### **Description :**

Heating circuit with heater, pump and expansion vessel  
Visualisation of evaporation in a tube evaporator  
Cooling circuit with water jet pump to generate negative pressure (vacuum)  
Heating and cooling medium: water  
Safety valve protects against overpressure in the system  
Tube evaporator made of double-wall glass.

#### **Technical Specification :**

##### **Technical Data:**

Heater  
Heating and cooling medium: water  
Power rating: 2kW  
Temperature range: 5...80C  
Pump  
3 stages  
Power consumption: 58W  
Max. flow rate: 1,9m/h  
Max. head: 1,5m  
Tube evaporator  
Length: 1050mm  
Condenser: coiled tube made of copper  
Inner diameter: 16mm

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Outer diameter: 24mm  
Measuring ranges  
Temperature: 0...100C  
Pressure: -1...1,5bar relative.



**Laboratory Instrument India**