



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Condensation Process

**Product Code :**  
LBNY-0005-103000122



#### **Description :**

Water jet pump to evacuate the tank  
Sensors for temperature, pressure and flow rate with digital display  
Visualisation of the condensation process of water in a transparent tank  
Pressure switch and safety valve for safe operation  
Controlled heater to adjust the boiling temperature  
Two water-cooled tubes as condensers with different surfaces to realise film condensation and dropwise condensation.

#### **Technical Specification :**

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

Heater  
Output: 3kW, freely adjustable  
Water jet pump  
Max. pressure: 16mbar  
Flow rate: 4...12L/min  
Safety valve: 2200mbar absolute  
Condenser  
1x tube with a polished gold-plated surface  
1x tube with matt copper surface  
Measuring ranges  
Flow rate: 0,2...6L/min  
Pressure: 0...10bar absolute

---

Temperature: 4x 0...100C, 3x 0...200C.



**Laboratory Instrument India**