



Email : [sales@laboratoryinstrumentindia.com](mailto:sales@laboratoryinstrumentindia.com)

**Product Name :**  
Climbing Film Evaporator

**Product Code :**  
LBNY-0005-11600011



#### **Description :**

The fully instrumented equipment allows to study the concentration at atmospheric pressure or under various vacuum levels as well as to produce small quantities of concentrate to be utilized in the laboratory.

#### **Technical Specification :**

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

Evaporator capacity: 3 l.

Length of evaporator: 1400 mm.

Preheater: 2 kW.

Condenser heat exchange surface: 0.18 m<sup>2</sup>

Collecting vessels for concentrate and incondensable: 10 l capacity each.

##### **Experiments:**

System efficiency determination.

Natural and forced convection.

Energy balances.

Heat transfer.

Mass balances.

##### **Required services:**

Water supply: from mains.

Steam supply: 15 kg/h at 1.7 bar approx.

Electric supply: 220/240V, single-phase, 50/60 Hz; 3 kW.

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Weight and Dimensions:  
Dimensions: 1200 x 1000 x 2600 h mm  
Weight: 400 kg.



**Laboratory Instrument India**