



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Single Effect Falling Film Evaporation Pilot Plant

**Product Code :**  
LBNY-0005-11600022



**Description :**

Metering pump with a flow rate of 0 to 24 liters per hour.  
Steam trap  
Graduated tank with a capacity of 1 liter for measuring the condensate  
Bourdon vacuum gauge with a capacity of 1 to 0  
Bourdon pressure gauge with a capacity of 0 to 1.6 bar  
Bourdon pressure gauge with a capacity of 0 to 6 bar  
Metering pump with flow rate of 0 to 8.5 liters per hour  
Feed tank with a capacity of 25 liters  
Tank with a capacity of 10 liters for collecting the condensed solvent  
Tank with a capacity of 10 liters for collecting the concentrated product  
Shell-and-tube condenser with an exchange surface of 1.1 m<sup>2</sup>  
Falling film shell-and-tube evaporator with an exchange surface of 0.27 m<sup>2</sup>  
Tube-in-tube heat exchanger.  
Calibrated diaphragm with differential pressure transmitter for measuring the steam flow rate  
Pneumatic valve for control of the steam flow rate, Cv=0.32  
6x electronic temperature indicators  
6x digital thermocouples with pt100 probes protected by stainless steel shield sleeves.

**Technical Specification :**

Single Effect Falling Film Evaporation Pilot Plant



**Laboratory Instrument India**