



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 m²
Falling film shell-and-tube evaporator with an exchange surface of 0.27 m²
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 :

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Laboratory Instrument India