

Product Name :
Sieve Plate Distillation Column**Product Code :**
ALABS-A153-027**Description :****Sieve Plate Distillation Column**

The setup is designed to demonstrate principles of distillation in a Sieve Plate Column.

The column is made of Stainless Steel material with seven sieve trays. An electrically heated re-boiler is installed at the bottom of the column. The bottom product is collected in the tank. The vapors from the top of column are condensed in the shell and tube type condenser by circulating cooling water supplied by laboratory overhead tank. The condensate is divided into reflux and distillate by automatic reflux divider and R/D Ratio can be varied. Reflux is fed back to the column and distillate is received in a receiving tank. The complete column is insulated for minimizing the heat loss. Instrumentation is done for pressure & temp. Measurement wherever is necessary

Experiment :

- To study the Sieve Plate Distillation Column

Feature :

- Stainless Steel tanks and wetted parts
- Superb Painted structure
- Simple to operate & maintain
- Compact & stand alone set up

Utilities Required :

- Water Supply 2 LPM at 5 m head
- Drain
- Electricity Supply: 1Phase, 220 V AC, 6.5 kW
- Required Chemicals
- Refractrometer for analysis



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