

# Bubble Cap Distillation Column



**Product Categories:** [Engineering Equipment](#), [Mass Transfer Lab](#)

**Product Page:** <https://www.labappara.com/product/bubble-cap-distillation-column/>

## Product Description

### Bubble Cap Distillation Column

**Technical Description:** Our offered this product is the column is made of Stainless Steel with seven plates for mounting the bubble caps. Each plate is provided with one bubble cap. An electrically heated reboiler is installed at the bottom of the column. The bottom product is collected in the tank. The vapours from the top of column are condensed in the shell and tube type condenser by 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 provided for pressure & temperature measurement wherever necessary.

**Technical Specifications:**

**Distillation Column:** Material Stainless Steel, Dia 110 mm, seven plates.

**Pressure Gauge:** Bourdon type

**Rotameter:** For cooling water flow rate measurement. Indicator, Safety valve