

# Absorption In Sieve Plate Column



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

**Product Page:** <https://www.labappara.com/product/absorption-sieve-plate-column/>

## Product Description

Absorption In Sieve Plate Column

### Technical Description:

The set up consists of a column fitted with perforated plates. Liquid is fed at the top of the column through distributor. The solute gas and air are measured separately, mixed in a mixing chamber and then passed through the perforated plates vertically upward and absorbed in liquid. All the flow rates can be independently varied to simulate different conditions. Liquid Sample can be taken out from the bottom of the column for analysis.

### Technical Specifications:

Column: Material Stainless Steel. Dia 80 mm, Length 1000 mm (approx). One section of column is provided of Borosilicate glass to visualize the process

Plates: Perforated Plates made of Stainless Steel (7 Nos.)

Feed Circulation: By compressed air.

Pressure Regulator: 0-2 kg/cm.

Pressure Gauge: Bourdon type

Feed Tank: Material Stainless Steel, Capacity 20 Ltrs.