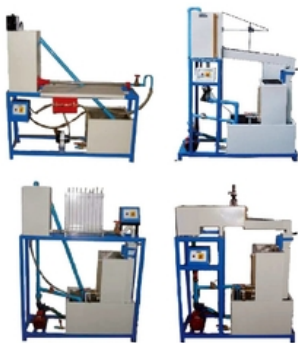


Adsorption In Packed Bed



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

Product Page: <https://www.labappara.com/product/adsorption-packed-bed/>

Product Description

Adsorption In Packed Bed

Technical Description:

The set up consists of a glass column packed with Reaching rings. 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 packed column 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 sampling point at the bottom of the column for analysis.

Technical Specifications:

Column : Borosilicate Glass Dia. 55 mm, Length 750mm (approx.)

Packing : Borosilicate Glass Reaching Ring

Feed Circulation: By compressed air.

Pressure Regulator: 0-2 kg/cm².

Pressure Gauge : Bourdon type

Feed Tank: Material Stainless Steel, Capacity 20 Ltrs.

Flow measurement: Rota meters (One each for feed, air & CO₂).

Collecting Tank: Material Stainless Steel, Capacity 10 Ltrs.