

Packed Bed Reactor



Product Categories: [Chemical Reaction Engineering Lab](#), [Engineering Equipment](#)

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

Product Description

Packed Bed Reactor

Technical Description:

The setup consists of a glass column packed with Rasching Rings and two feed tanks. Reactants are fed to the reactor through liquid distributor, fitted at the bottom of the column. Rota meters are provided to measure the individual flow of Chemicals. The flow rate can be adjusted by operating the needle valves provided on respective Rota-meter. The compressed air is used for circulation of feed. Samples can be taken periodically from the top outlet of reactor. Pressure Regulator & Pressure Gauge are fitted in the compressed air line

The whole set-up is ingeniously designed and schematically arranged on a powder-coated rigid structure.