Product name:	Product code:
Pressure Drop Through Packed Bed	Transfer0020



Description

Pressure Drop Through Packed Bed

Technical specification

Pressure Drop Through Packed Bed

The set-up consists of a glass column packed with packing material i.e. Rasching rings, SS mesh to support the packing and with calming section. Pressure drop across packed bed can be measured by manometer. The set-up studies in packed bed characteristics and relationship between the velocity of the fluid and pressure drop per unit length. The apparatus is close circuit type provided with tank, FHP pump, necessary piping and valves and Rotameter to measure the flow rate of fluid. The set-up is fitted on a MS frame and painted with good quality paint.

Experiment:

- To study packed bed characteristics.
- To study relationship between velocity of fluid and pressure drop per unit length.

Utilities Required:

- Electricity 500 watts, 220 V, 1 Phase
- Floor Area 0.75 m x 0.75 m

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