

Product Name : Pressure Drop Through Fluidized Bed	Product Code : NLAB-TECHNICALAB32004
<div data-bbox="703 461 919 994" data-label="Image"> </div>	
Description :	
Pressure Drop Through Fluidized Bed	
Technical Specification :	
<p>The setup consists of a glass column with fluidizing material i.e. beads, S.S. mesh to support the beads and with calming section.</p> <p>Pressure drop across fluidization can be measured by manometer.</p> <p>The setup studies in fluidization characteristics and relationship between the velocity of the fluid and pressure drop per unit length.</p> <p>The apparatus is close circuit type provided with suitable capacity tank, 0.5 HP pump, necessary pipeline valves and a Rotameter to measure the flow rate of fluid.</p> <p>The setup is fitted on a MS frame painted with good quality paint.</p> <p>Experiment:</p> <ul style="list-style-type: none"> To study fluidization characteristics To study relationship between velocity of fluid and pressure drop per unit length <p>Utilities Required:</p> <ul style="list-style-type: none"> Electricity 500 watts, 220 V, 1 Phase Floor Area 0.75 m x 0.75 m 	

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