

**Product Name :**  
Study of Pipe Fittings, Sudden Enlargement & Contraction  
App

**Product Code :**  
NMCBS11150



**Description :**

Study of Pipe Fittings, Sudden Enlargement & Contraction App The set up consists of a 1/2 bend and elbow, a sudden expansion & sudden contraction fitting from 15mm to 25mm, ball valve and gate valve. Pressure tapings are provided at inlet and outlet of these fittings under test. A differential manometer fitted in the line gives pressure loss of individual fittings. Present set-up is self-contained water re-circulating unit, provided with a sump tank and a centrifugal pump etc. Flow control valve and by-pass valve are fitted in water line to conduct the experiment on different flow rates. Flow rate of water is measured with the help of measuring tank and stop watch. Experiments To determine loss of head in the fittings at various water flow rates To measure the loss coefficient for the pipe fittings Utilities Required Electric supply 0.5 kW, 220V AC, Single Phase Water supply Tap water connection " BSP Distilled water @ 60 liters (optional) Floor Area with Drain facility Study of Pipe Fittings, Sudden Enlargement & Contraction App, Heat And Refrigeration System Exporters, Heat And Refrigeration System Manufacturers