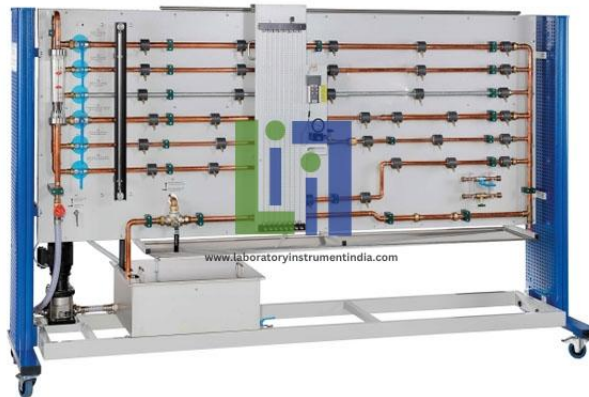




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Pressure Losses In Pipes

**Product Code :**  
LBNY-0005-103000223



#### **Description :**

Easy pressure measurement via annular chambers  
Investigation of pressure losses  
Three long pipe sections made of copper and steel with different diameters  
Pipe section with pipe bends  
Pipe section with interchangeable fittings with different opening characteristics: needle valve, shut-off valve, ball valve  
Pipe section with sudden contraction and enlargement  
Flow measurement via rotameter and volumetric measuring tank  
Closed water circuit with tank and submersible pump  
Stainless steel tank  
Pressure and differential pressure measurement with 8 tube manometers, Bourdon tube pressure gauge and electronic differential pressure sensor.

#### **Technical Specification :**

##### **Technical Data:**

Pump  
Max. flow rate: 4,8m/h  
Max. head: 22,6m  
Power consumption: 0,45kW  
3 straight pipe sections, measuring length: 2,5m  
Steel, diameter: 1/2"  
Copper, diameter: 28x1mm, 22x1mm

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Copper, diameter: 22x1mm  
Pipe section with pipe bend  
Pipe section with contraction/enlargement  
Copper  
Pipe section with valves and fittings  
Contraction, diameter: 18x1mm  
Copper, diameter: 18x1mm  
Enlargement, diameter: 28x1mm  
Tank for water: 110L  
Volumetric measuring tank: 20L.



**Laboratory Instrument India**