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Product Name :
Piping Loss Test Set Small

Product Code :
LBNY-0005-10300063



Description :

The loss is measured by differential pressure using manometers. Pressure tapping is by valves with quick connection. The unit is on a steel frame on wheels. All pressure taps are connected by flexible hoses to a set of specially arranged manifolds such that differential pressure across any component can be measured simply by opening valves without removing the hoses.

Piping Loss Test Set Small is a self contained unit for studying the friction loss in pipes, pipe fittings and valves at various flow rates.

The unit consists of a pump, a storage tank and a water proof panel on which all friction loss components are arranged.

Technical Specification :

Technical Data:

Friction loss components

Short radius bends, regular elbow, 45o elbows

Linear pipes, PVC: 3 different diameters.

Valves: Gate, globe, ball, and check

Other components: Tee section, sudden expansion and sudden contraction.

Measuring Instruments

Mercury manometer.

Water manometer.

Water meter.

Power supply : 220 V, 1 Ph, 50 Hz.

Experiments:

Friction losses in pipe fittings, valves, sudden expansion and contraction at various flow rates.

Friction losses in straight pipes at various flow rates.



Laboratory Instrument India