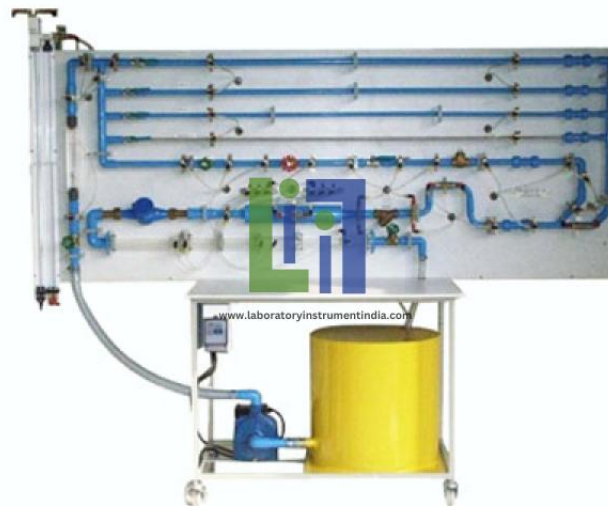




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Piping Loss Test Set Large

**Product Code :**  
LBNY-0005-10300051



#### **Description :**

The unit consists of a pump, a storage tank and a water proof panel on which all friction loss components and the flow measuring devices are arranged. Friction loss is measured by a pressure drop and coefficient of discharge is determined from a pressure drop and a flow rate. Piping Loss Test Set, Large is a self contained water circulating unit for studying the friction losses in pipes, pipe fittings, and valves and to determine coefficients of discharge for primary flow measuring devices at various flow rates. Flow rate is obtained from a water meter and a stop watch. 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. The unit is on stainless steel frame on wheels. The pressure drop is measured by differential pressure using manometers. Pressure tapping is by small ball valves with quick connection.

#### **Technical Specification :**

##### **Experiments:**

Friction losses in primary flow measuring devices and comparison of coefficients of discharge at various flow rates.

Friction losses in straight pipes at various flow rates.

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

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

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# Laboratory Instrument India

