

HYD-013

LOSSES IN PIPES APPARATUS



RANGE OF EXPERIMENTS TO BE CARRIED OUT:

1. To Calculate the friction losses through the pipes of different Material of Construction.

TECHNICAL DESCRIPTION:

The experimental unit consist of three different material of construction pipes a water sump tank with self-priming monoblock centrifugal pump. The flow of water can be controlled by a valve. A measuring tank is provided for measurement of discharge of water through the Section. The frictional loss along the length of pipe is measured by using U Tube Manometer.

This system is complete closed circuit type and easy to move due to wheels.

DIMENSIONS AND WEIGHT:

Size :1.5 m.(L)x 0.7 m(W) X 1.2m (H)

Weight: Approx. 60 Kg

SERVICE REQUIRED:

Power Supply: 230v, AC, Single Phase, 50HZ

Water: 80 ltr

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual