



**Product Code . EL-HAP-11930**

## Pipe Network Apparatus

### Description

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##### Description:-

Self-contained with hydraulics bench, to measure flows and drops in the wide range of pipe network configuration: individual pipes, series pipes, parallel pipes, ring main.

5 Test pipes of different diameters.

Various connection configurations.

Fittings connection by screwed coupling with "O" rings.

Pressure tapping and quick connection.

Differential manometers.

Mobile on the hydraulics bench. 220V, 50Hz.

A pipe network specifically designed to allow the setting up of a wide range of pipe arrays and the measurement of the flows and pressures using water as the fluid.

A self-contained water supply and volumetric measurement module provide the base for pipe assemblies.

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Test Pipes: 1 off 22.5mm I.D; 2 off 17.5mm I.D; 2 off 13.0mm I.D; common length 0.7m

Volumetric flow measurement range 0-6 litres and 0-40 litres with level indication on remote sight gauge.

Circulating pump 0.55kW (0.75 H.P.) centrifugal

Differential pressure measurements: 1m pressurized water manometer; 1m mercury manometer.

### **Experimental capabilities:-**

Characteristics of parallel pipe networks.

Characteristics of series pipe networks.




Applications of doubling pipes.

Characteristics of ring mains.

Calibration of system components - head loss versus discharge.

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"O" rings. Pressure tapping and quick connection. Differential manometers. Mobile on the hydraulics  
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Educational Lab Equipments,  
#449, HSIIDC, Industrial Area, Saha, Haryana  
Direct Contact Details  +91-98173-19615  sales@educational-equipments.com  
 www.educational-equipments.com