

Product Name :
Venturimeter Apparatus

Product Code :
NLAB-ENGINEERINGLB20011



Description :

Venturimeter Apparatus

Technical Specification :

DESCRIPTION:-

The unit consists of Venturi-meter allows hydrologists and engineers a simple method of measuring the Coefficient of Discharge in variable heads.

The apparatus is used to calibrate the following types of Venturi-meter:

- Venturi-meter - 13 mm

RANGE OF EXPERIMENT:-

The aim of this experiment is to Calibrate the given obstruction flow meter, Like Venturi-meter and Plot the characteristics and to find its coefficient of discharge for different rates of flow and Obtain an appreciation of how it meters work and of the theory behind the apparatus.

SPECIFICATION:-

- Venturi-meter - 13 mm (Mild Steel with Painting)
- Block Type Acrylic Differential Manometer (250-0-250 mm)
- Flow control valve to change Discharge.
- Transparent pizometer tubes with scale to measure measuring tank discharge.
- Measuring tank- 295 X 345 X 345 mm
- Sump tank- 900 X 350 X 350 mm
- Usha or Crompton Greaves motor for recalculating type unit.- 0.5H.P. Self Priming
- Stop clock.

SERVICE REQUIRED:-

- Suitable Water supply.
- Suitable floor space to mount apparatus.
- 15 amps Single Phase Electrical Connection.

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