

Product Name :
Orificemeter Apparatus

Product Code :
NLAB-ENGINEERINGLB20008



Description :

Orificemeter Apparatus

Technical Specification :

DESCRIPTION:-

The unit consists of Orifice-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 Orifice-meter:

Orifice-meter - 13 mm

RANGE OF EXPERIMENT:-

The aim of this experiment is to Calibrate the given obstruction flow meter, Like Orifice-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:-

- Orifice-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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