



Product Code . SEL-FMM-11041

Verification of Bernoullis Theorem

Description

Verification of Bernoullis Theorem

The changes of head can be measured with manometric tube connected at various sockets, along with the length of channel. The unit consists of a rectangular transparent flow section through which water is to be flown the velocity of water is changes as cross sectional area of channel changes. Thus the Bernoulli's theorem can be verified by calculating the energy & head of water at different section.

Features:-

- Transparent flow section.
- Independent measurement of pressure head.
- Steady flow arrangement.
- Variable flow rate arrangement.
- Self sufficient unit.

Specification:-

- Flow control valve to change graph.
- Transparent acrylic tubes and scales fixed over the flow channel to measure head.
- Flow channel: - transparent acrylic.
 - a) Width of Channel = 0.05 m.
 - b) Length of Chanel = 0.7 m.
- Measuring tank- 295 X 345 X 345 mm.
- Sump tank- 900 X 350 X 350 mm.
- Stop clock.

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