

Verification Of Bernoulli's Theorem



Product Categories: [Engineering Equipment](#), [Hydraulic Lab](#)

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Product Page:

<https://www.labappara.com/product/verification-bernoullis-theorem/>

Product Description

Verification Of Bernoulli's Theorem - Engineering Equipment

This 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.

The changes of head can be measured with manometric tube connected at various sockets, along with the length of channel.

Thus the Bernoulli's theorem can be verified by calculating the energy & head of water at different section.

Feature:

Steady flow arrangement.

Transparent flow section.

Independent measurement of pressure head.

Variable flow rate arrangement.

Self sufficient unit.

Flow channel: -

Transparent acrylic.

a)Width of Channel = 0.05 m

b) Length of Chanel = 0.7 m

- Flow control valve to change graph.
- Transparent acrylic tubes and scales fixed over the flow channel to measure head- 11Nos. or 9Nos.

- Measuring tank- 295 X 345 X 345 mm
- Sump tank- 900 X 350 X 350 mm