

**Product Name :**  
Bernoulli's Theorem Demonstration Apparatus

**Product Code :**  
Fluid00034



**Description :**

Bernoulli's Theorem Demonstration Apparatus

**Technical Specification :**

**Bernoulli's Theorem Demonstration Apparatus**

Bernoulli's Theorem Demonstration Apparatus Owing to highly advanced infrastructural setup and immense knowledge, we are engrossed in offering a precision-engineered assortment of **Bernoulli's Theorem Demonstration Apparatus**.

Our offered product has flow control valve, manometer board with eight

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tubes, quick release fitting for easy connection to hydraulics bench and educational software available as an option.

**Features:**

- Precisely designed
- Lightweight
- High strength

**Bernoulli's Theorem Demonstration:**

- The test section consists of a classical Venturi machined in clear acrylic. A series of wall tapings enable measurement of the static pressure distribution along the converging duct, while a total head tube is provided to traverse along the centre line of the test section.
- These tapings are connected to a manometer bank incorporating a manifold with air bleed valve. Pressurisation of the manometers is facilitated by a hand pump.
- The test section is arranged so that the characteristics of flow through both a converging and diverging section can be studied. Water is fed through a hose connector and is controlled by a flow regulator valve at the outlet of the test section. The Venturi can be demonstrated as a means of flow measurement and the discharge coefficient can be determined.

**Specifications:**

- Venturi section machined from clear acrylic
- Seven static pressure tapings plus a total head measurement
- Flow control valve

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- Manometer board with eight tubes
  - Quick release fitting for easy connection to hydraulics bench
  - Educational software available as an option

#### Technical Details:

**Bernoulli's Theorem Demonstration**

**Manometer range**

**Number of manometer tubes**

**Tube diameter**

**Upstream diameter**

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**Upstream taper**

**Downstream taper**

## **Civil Mechanical India**

**Website:** [www.civilmechanicalindia.com](http://www.civilmechanicalindia.com), **Email:** [export@civilmechanicalindia.com](mailto:export@civilmechanicalindia.com)

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, +91-0171-2601773