Product name:	Product code:
Bernoulli s Theorem Demonstration Apparatus	Fluid00034



Description

Bernoulli s Theorem Demonstration Apparatus

Technical specification

traverse along the centre line of the test section.

- These tappings 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 tappings plus a total head measurement
- Flow control valve
- Manometer board with eight tubes
- Quick release fitting for easy connection to hydraulics bench
- Educational software available as an option

Technical Details:

Item	Bernoulli's Theorem Demonstration
Manometer range	0 to 300mm
Number of manometer tubes	8
Throat diameter	10.0mm
Upstream diameter	25.0mm
Upstream taper	14^{o}
Downstream taper	21^{o}

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

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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 tappings enable measurement of the static pressure distribution along the converging duct, while a total head tube is provided to