



Tesca Venturi, Bernoulli & Cavitation Apparatus 32054 is designed for demonstrating some practical possibilities with the Venturi's tube. This Venturi is made of transparent methacrylate for a better visualization. It consists of a circular transverse section Venturi tube with 6 taps (Divergent/Convergent). Being transparent, it gives a better visualization of the cavitation phenomenon. It includes a manometer and a vacuum gauge, as well as 5 manometric tubes.

Technical Specifications

- Manometer (Bourdon type), range: 0-2.5 bar.
- Manometer (Bourdon type), range: 0-(-1) bar.
- 2 Tanks, height: 135 mm and internal diameter: 64 mm.
- Venturi tube with 6 tapings (Divergent/Convergent).
- Differential manometers: 0-500 mm.
- 5 Manometric tubes.
- Easy and quick coupling system built-in.
- Anodized aluminum structure and panels of painted steel.

Experiments

- How to fill the manometric tubes.
- Flow calculation.
- Determination of the exact section in Venturi's tube. Bernoulli's theorem study.
- Cavitation study.
- Pressure reduction in a tank.
- Aspiration pump.
- Aspiration pump for mixing two liquids.
- Using for air and water mixing.

Requirements

- Water Supply & Drain
- Electricity Supply: Single Phase, 220 VAC, 0.5 kW
- Floor Area 1.5 x 0.75 m

Note: Specifications are subject to change.

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