



THE LAB EQUIPMENT

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Product Name :

Bernoulli's Theorem Demonstration module

Product Code :

SLE/MCE/33



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Description :

Features:

- All the pressure taps are connected to a manometer with a water collector (water might be pressurized).
- The ends of the conduits are removable, enabling to be placed in either convergent or divergent form with respect to the stream direction.
- For the operation, the module is placed on the Hydraulics bench top It has adjustable legs for leveling.
- Adjusting the control valve located at the end of the module can modify the flow rate and the pressure in the module.
- A flexible hose attached to the outlet pipe is directed to the volumetric measuring tank.
- The inlet pipe ends in a female coupling, which may be directly connected to the bench supply.
- There is also a probe (Pitot's tube) moving along the conduit or measuring the height in every section (dynamic pressure).

Specification

- **Narrowing: Downstream:** 21°.
- **Upstream:** 10°.
- **Manometer range:** 0 to 300 mm of water.
- **Number of manometer tubes:** 8.
- **Upstream diameter of the throat:** 25 mm.
- **Dimensions:** 800 x 450 x 700 mm. approx.
- **Weight:** 15 Kg. approx. (33 pounds approx.)
- **Anodized aluminum/ MS powder coated structure and panel of painted steel.**

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