



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

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**Product Name :**

Flow Meter Demonstration Unit

**Product Code :**

SLE/MCE/43



**Website:** <https://thelabequipment.com>, **Email:** [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010



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## Description :

### Descriptions:

- This is included in the form of a multiple tube manometer so that the pressure curve along the venturi flow meter can also be displayed.
- A hand pump facilitates pressurization of the manometers.
- Calibrating each flow meter using the volumetric measuring tank of the bench.
- Venturi meter, variable-area meter and orifice plate with flow-control valve.
- The apparatus is placed on the Hydraulics Bench; this provides the water supply to the unit.
- The bench is used as the source of water supply and for volumetrically calibrating each flow meter.
- Directly comparing flow measurement using a Venturi meter, variable area meter and orifice plate.
- The circuit and manometer are attached to a support framework, which stands on the working top of the Hydraulics Bench.
- Pressure tapping's to measure head loss across each meter.
- Supplied with manometer board with eight tubes.

### Specification:

- **Manometer range:** 0-400mm
- **Throat diameter:** 15mm
- **Upstream pipe diameter:** 31.75mm
- **Upstream taper:** 21° inclusive
- **Downstream taper:** 14° inclusive
- **Dimension:** 800-x800 x 1200 mm
- **Weight:** 120kg
- **Number of manometer tubes:** 8
- **Orifice plate diameter:** 20mm
- **Variable area meter:** 2-20 l/min

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