

**Product Name :**  
Flow Meter Demonstration

**Product Code :**  
ALABS-A104-530

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**Description :**

**Flow Meter Demonstration**

- Venturi meter, variable area meter and orifice plate with control valve
- Pressure tapplings to measure head loss from each meter
- Supplied with manometer board with eight tubes
- Quick release fitting for easy connection to hydraulics bench
- Educational Software available as an option

**Description:**

- The equipment consists of a Venturi meter, variable area meter and orifice plate, installed in a series configuration to permit direct comparison. A flow control valve permits variation of the flow rate through the circuit.
- Pressure tapplings are incorporated so that the head loss characteristics of each flow meter may be measured.

These tapings are connected to an eight tube manometer bank incorporating a manifold with air bleed valve. Pressurisation of the manometers is facilitated by a hand pump.

- The circuit and manometer are attached to a support framework which stands on the working top of the Hydraulics Bench. The bench is used as the source of water supply and for calibrating volumetrically each flow meter.

#### Technical Details:

Value

Manometer range:

Number of manometer tubes:

Orifice plate diameter:

Orifice diameter:

Orifice diameter: 15mm

-Upstream pipe diameter: 31.75mm

-Upstream taper: 21° inclusive

-Downstream taper: 14° inclusive



## Equipments Exporters

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