

**Product Name :**  
Flowmeter Measurement Apparatus

**Product Code :**  
Fluid00023



**Description :**

Flowmeter Measurement Apparatus

**Technical Specification :**

**Flowmeter Measurement Apparatus**

Flowmeter Measurement Apparatus The **Flowmeter Measurement Apparatus** 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.

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Pressure tapings

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.

#### **Specification:-**

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

#### **Technical Details**

#### **Flowmeter Measurement Apparatus**

Manometer range

Number of manometer tubes

Orifice plate diameter

Vertical diameter

Vertical diameter

Upstream pipe diameter: 31.75mm

Upstream taper: 21° inclusive

Downstream taper: 14° inclusive

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