



VENTURI METER

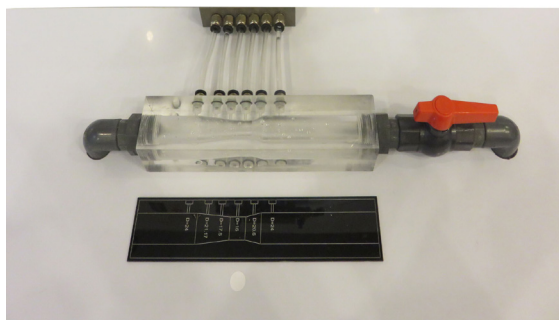
RF 004

Description:

One of the common fluid flow measuring tools is Venturi. This unit is a device that can calculate the flow rate as well as the pressure in different parts of a Venturi. Venturi meters take advantage of less head loss than other instruments used to measure fluid flow, such as orifice. Six piezometric tubes are installed along the length of the Venturi for measuring pressure at various points. By pumping air to a collector mounted on top of the piezometers, the level of water in the piezometric tubes can easily be measured with the index which is mounted behind the tubes.

Specifications:

- Venturi meter
- Piezometric tubes for observing pressure gradient
- Rotameter
- Fluid flow control valve
- Manual air pump
- Pump and storage tank
- Piping system with valves and fittings
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty



Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Determination of static head in Venturi meter
2. Investigation of Bernoulli's equation for water flow in Venturi
3. Comparison the experimental result and theoretical result

Required For Operation:

- 220V Single Phase Electricity
- Distilled Water
- Desirable Temperature ($^{\circ}\text{C}$): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm: 800x 500 x 1400

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