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Product Name :
Orifice and Venturi Meter Demonstration

Product Code :
SCHOOL-FUD810024



Description :

Orifice and Venturi Meter Demonstration

Technical Specification :

Venturi meter, variable-area meter and orifice plate with flow-control valve.

Determination of the Cd factor in the Venturi.

Determination of the strangulation in the Venturi.

Determination of the Cd factor in the orifice plate.

Determination of the error in flow measurements using the orifice plate.

Pressure tapping's to measure head loss across each meter.

Quick-release fitting for easy connection to Hydraulics Bench.

Calibrating each flow meter using the volumetric measuring tank of the bench.

Comparing pressure drops across each device.

Directly comparing flow measurement using a Venturi meter, variable area meter and orifice plate.

Educational software available as an option.

Supplied with manometer board with eight tubes.

Manometer range: 0 to 500 mm. of water column.

Number of monomeric tubes: 8.

Orifice plate diameter: 25 mm.

Flow meter: 2to30 l./min.

Easy and quick coupling system built-in.

Anodized aluminum structure and panel of painted steel.

NAUGRA[®]

School Educational Instruments

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