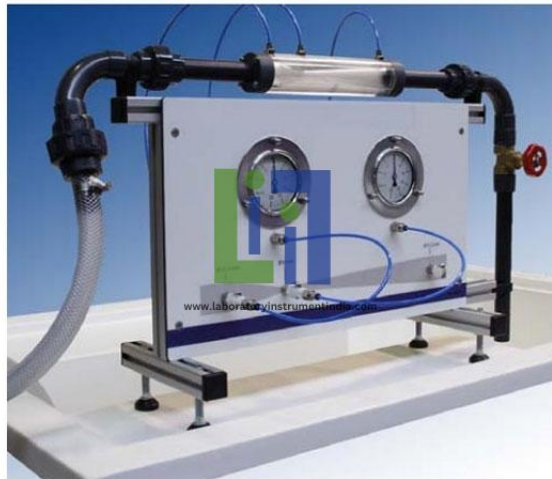




Email : sales@laboratoryinstrumentindia.com

Product Name :
Cavitation Phenomenon

Product Code :
LBNY-0005-10300074



Description :

For the full operating of this system, it is necessary to connect the item to the hydraulic bench or a suitable hydraulic energy source. The Cavitation Phenomenon system for the demonstration of the cavitation phenomenon is a simple and practical equipment including a Venturi tube where the cavitation phenomenon occurs when we have the depression created by the flow acceleration (Venturi effect). In order to grant easy observation of the phenomenon, Venturi tube is made of methacrylate. The equipment also includes a pressure gauge and a vacuum gauge to measure the generated overpressure and low pressure; a membrane valve is included for precise flow control adjustments.

Performable Experiments:

- Observation of the cavitation phenomenon in the Venturi tube.
- Calculation of the minimum required water flow necessary to observe the phenomenon.
- Calculation and testing of the pressure and temperature conditions in which the phenomenon occurs.

Technical Specification :

Technical Data:

Manometers:

Bourdon vacuum gauge, measure range: -76 cm Hg / 25 m water column.

Bourdon manometer, measure range 0 / 15m water column.

Laboratory Instrument India

