



Email : sales@laboratoryinstrumentindia.com

Product Name :
Ventury Effect Bernoulli And Cavitation

Product Code :
LBNY-0005-10300072



Description :

Use of Venturi tube applied to cavitation phenomenon, concept used to change the pressure conditions inside a tank.

Theoretical and practical aspects of Venturi effect.

Bernoullis theorem, including the observing and the application of related aspects in practical fields as industry, agriculture and leisure.

Performable Experiments:

With Ventury Effect Bernoulli And Cavitation system, it is possible to perform the following experiments:

Reduction of the pressure inside the tank in order to obtain cavitation phenomenon and observe new conditions.

Flow determination through the use of the static volumetric system.

Diaphragm calibration and utilization to determine the flow value.

Bernoullis theorem demonstration along a Venturi tube.

Pressure loss calculation in a Venturi tube.

Study of cavitation identifying the pressure, relevant temperature and flow levels.

Technical Specification :

Technical Data:

Inner Diameters:

Main piping:

1. outer diameter = 25mm

2. inner diameter = 21.2mm

Pressure test points:

1. The system features quick fittings with double closure.

Pressure gauges:

Digital differential pressure gauges.

Six columns water gauge, measure range 0.6 m.

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

Include Bourdon manometer, measure range 0 / 25m water column.



Laboratory Instrument India