

Venturi study unit

DESCRIPTION

- ✓ The venturi study unit is delivered complete with technical and instruction manuals.
- ✓ This unit may be used at different levels and in various fields of study.
- ✓ The venturi and manometer consist of transparent material.



SUGGESTED APPLICATIONS

Study of venturi static pressures – pressure profile along its axis.

Theoretical study of a venturi - comparison of theoretical and actual results
Determination of flow coefficients.

Venturi

- Made as required by ISO 5167 norm
- In transparent material internal \varnothing 25 mm
- Pressures taken along the deprimogene element
- Maximum differential pressure : 3 kPa
- Maximum water flow : 30 L/min.

Liquid column manometer

- Made with transparent vertical tubes
- Tubes connected to the pressures taken
- One zero pressure scale tank
- Tubes connected with this tank

Tubes

- Transparent material
- Adjustable section flow meter
- Flow regulation valve

UTILITIES

Water : 30 L/min.

DIMENSIONS

Length : 600 mm
Width : 300 mm
Height : 550 mm
Weight : 8 kg

OPTION A

Adaptation for functioning in a closed circuit, with :

- Pump single-phase 230 Vac
- Electric control panel
- Polypropylene tank – 75 L
- Flow meter 0-2 m³/h
- Flow rate adjustment valve

