

## Diaphragm study

### DESCRIPTION

- The test bench with a diaphragm is delivered fully equipped and includes a technical and instruction manual.
- Designed and manufactured to industrial standards.
- This equipment is intended for different levels and fields of study.
- It is designed to study the flow of liquids through an orifice.



### PEDAGOGIC APPLICATIONS

Determination of :

- The flow
- The diameter of the opening
- The loss of pressure

Calculation of the REYNOLDS number.

## TECHNICAL CHARACTERISTICS

### **Diaphragm**

Transparent  
Maximum differential pressure : 3kPa  
Maximum water flow : 30 L/min.  
Stainless steel openings (of different diameters)

### **Liquid column manometer**

Consists of 5 transparent vertical tubes

### **Piping**

Transparent  
Variable area flow meter  
Flow adjustment valve

Mounted on an anodized aluminium frame

### UTILITIES

Water : 30 L/min.

### DIMENSIONS

Length : 700 mm  
Width : 400 mm  
Height : 600 mm