



### GENERAL EXPLANATION

Cavitation is a physical phenomenon that represents the formation of a set of cavities or bubbles in a liquid fluid. This training is aimed at visualization of cavitation.

### EXPERIMENTS

1. Pressure test as a function of flow rate
2. Cavitation processes and pressures at different flow rates

### TECHNICAL SPECIFICATION

Evaporation pressure; it is the pressure that the liquid evaporates and is in balance with its own vapor. When the fluid's pressure drops below the evaporation pressure due to flow, the liquid tends to evaporate in the flow and this is called cavitation.

### TECHNICAL DETAILS

- The training set consisted of three manometers, with the ventricular input (0-4), the bar cavitation throat (-1, +1) bar and the exit (0-4) bar
- The venturi device is transparent
- Rotameter type flow meter
- Throttling valve to set flow

### PACKAGE INCLUDED

Device, device cover, 1 printed experiment report, circuit diagram and product catalog