



## Hydrostatic panel, fluids

EQ033

### Function

Intended for experimental study, physics laboratory and carrying out physics experiments on: Hydrostatics. The pressure at a point in a liquid at equilibrium, Stevins principle. Measuring pressure on an open tube manometer. Stevins principle, the fundamental principle of hydrostatics. Pascals principle.

Baise Pascal and the principle that bears his name. Calculation of gauge pressure. Pressure measurement in mmH<sub>2</sub>O indicated by the open-tube manometer. Converting mmH<sub>2</sub>O pressure units to Pa and N/m<sup>2</sup>. An important application of Pascals principle, the hydraulic press, etc.

### Knowledge areas

Physics

### Key Experiments

The pressure at a point of a liquid in equilibrium - Stevin's principle  
Pascal's law, using water

