



## Water hammer set with sensor and interface

EQ395

### Function

Intended for the study of Hydraulics. Hydraulic transient due to electrical failure in the discharge system. Theoretical determination of maximum and minimum pressure values. Determination of experimental values of maximum and minimum pressure values. Comparing theoretical results with experimental results. Hydraulic transient protection device due to electrical failure in the discharge system, unidirectional reservoir. Hydraulic transient due to valve closure in gravity supply, recognize overpressure, under pressure, static pressure and dynamic pressure in a graph, pressure drop from measured pressure values, calculation of celerity, maximum pressure and minimum pressure, graph pressure versus time of hydraulic transient with a protection system, compare pressure peaks and the number of oscillations, etc.

### Knowledge areas

Physics

### Level

Graduation - Technical education

