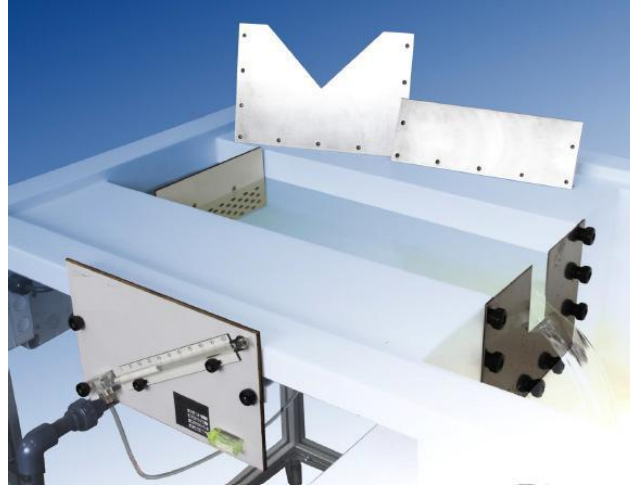




FLOW OVER A WEIR



DL DKL012

The system includes a set of weir plates of different shapes that can be installed in the open channel of Hydraulic Bench DL DKL014.

The height of the upstream weir plate is measured by an inclined manometer connected by a pipe to the channel bottom.

PERFORMABLE EXERCISES

- Study and use the hydraulic thin edged weirs for water flow measurements.
- Rectangular weir without lateral contraction
- Rectangular weir with lateral contraction
- Triangular weir

TECHNICAL DATA

- Rectangular weir plate without contraction.
- Rectangular weir plate with lateral contraction: length 50mm x 100mm height.
- Triangular weir plate: 90°, 100mm height.
- Height measuring system with 0.1 mm precision.
- Maximum water flow: 100 liters/min.
- Inclined manometer with a bubble level for water level reading.
- Baffle for sloshing reduction.

Requirements:

Hydraulic bench DL DKL014 (not included in this product).