

HM 161.52

Level gauge



The illustration shows a similar water level mounted on an instrument carrier.

Specification

- [1] device for measuring discharge depths in the experimental flume HM 161
- [2] used together with HM 161.59
- [3] measurement either with probe tip or hook
- [4] vertically travelling probe tip or hook
- [5] scale to indicate the discharge depth
- [6] use of corrosion resistant materials

Technical data

Scale

- measuring range: 0...800mm
- graduation: 1mm

Max. travel: 800mm

LxWxH: 95x60x1180mm

Weight: approx. 4kg

Scope of delivery

- 1 level gauge
- 1 set of accessories
- 1 manual

Description

■ accessory for measuring water levels

It is important to know the discharge depth for many experiments in open channel flow. The discharge depth can be measured using the level gauge HM 161.52.

The core element of HM 161.52 is a probe tip or a hook. The instrument travels vertically. The discharge depth is directly read on a scale. The probe tip is made in way enabling to easily observe when the tip touches the water surface.

Alternatively to the probe tip, a hook can be used. To measure the discharge depth, the tip of the hook breaks through the water surface from below.

HM 161.52 is mounted on the moveable instrument carrier HM 161.59 so it can be used along the length and width of the experimental section.

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Required accessories

HM 161	Experimental flume 600x800mm
HM 161.59	Instrument carrier