

# HM 163.52

## Level gauge



The illustration shows HM 163.52 together with the instrument carrier HM 163.59.

### Specification

- [1] device for measuring discharge depths in the experimental flume HM 163
- [2] used together with HM 163.59
- [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...500mm
- graduation: 1mm
- Max. travel: 500mm

LxWxH: 85x60x920mm

Weight: approx. 1kg

### 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 163.52.

The core element of HM 163.52 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 163.52 is mounted on the moveable instrument carrier HM 163.59 so it can be used along the length and width of the experimental section.

# HM 163.52

## Level gauge

Required accessories

|           |                              |
|-----------|------------------------------|
| HM 163    | Experimental flume 409x500mm |
| HM 163.59 | Instrument carrier           |