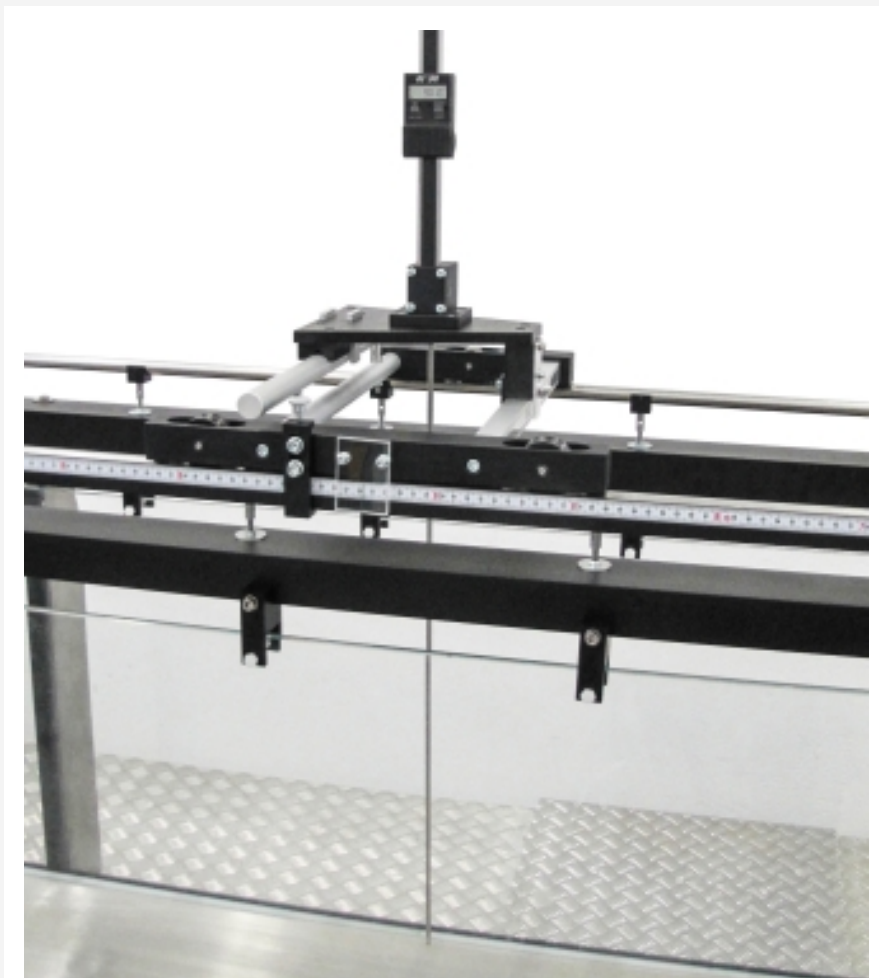


HM 163.91

Digital level gauge



The illustration shows HM 163.91 including digital displays 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] digital display to indicate the discharge depth
- [6] use of corrosion resistant materials

Technical data

Measuring range: 0...600mm
 ■ graduation: 0,01mm
 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 163.91.

The core element of HM 163.91 is a probe tip or a hook. The instrument travels vertically. The discharge depth is directly read on a digital display. 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 163.91 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 163.91

Digital level gauge

Required accessories

HM 163	Experimental flume 409x500mm
HM 163.59	Instrument carrier