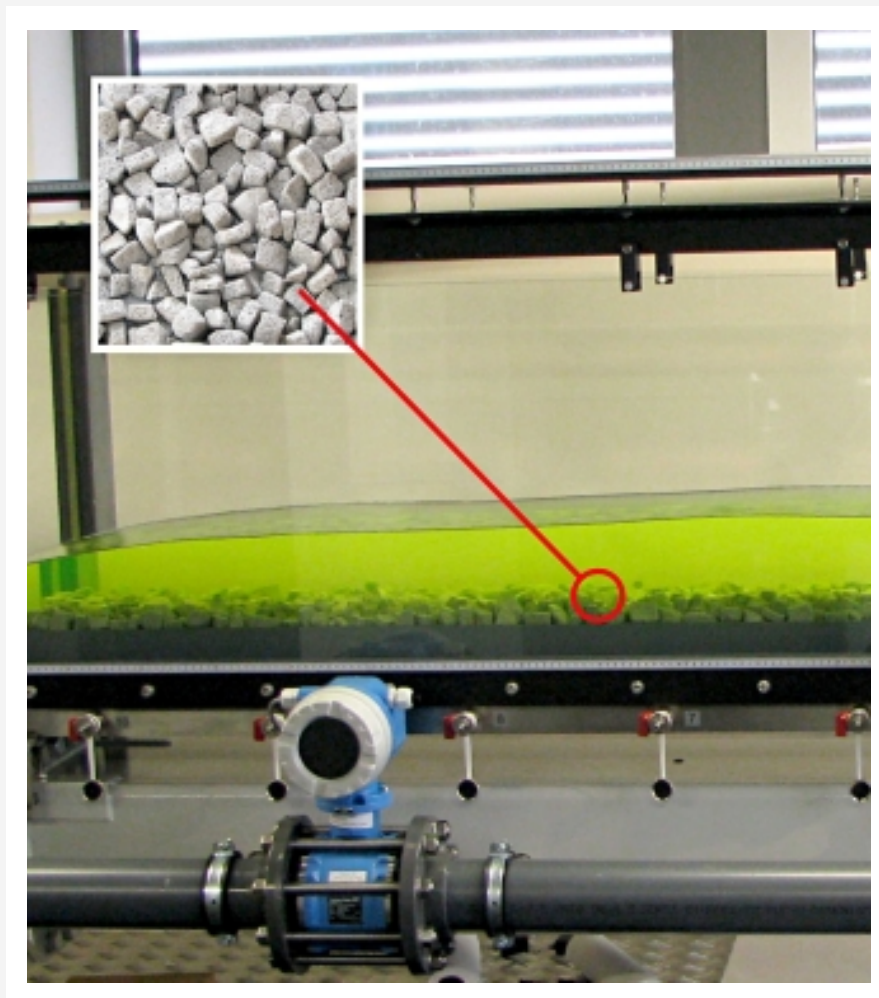


HM 161.77

Flume bottom with pebble stones



The illustration shows a similar unit

Description

■ fundamentals of open channel flow

For the same discharge, the flow behaviour of a river depends mainly on the flume slope and on the flume roughness. Uniform discharge with constant depth is called normal discharge. For a different roughness respectively a different slope, normal discharge changes to non-uniform discharge.

The flume roughness is changed using the flume bottom HM 161.77. The experimental flume HM 161 can be inclined.

Learning objectives/experiments

- fundamentals of open channel flow
 - ▶ uniform and non-uniform discharge
- effect of flume bottom roughness on flow behaviour
- flow formulae

Specification

- [1] flume bottom for the experimental flume HM 161
- [2] flume bottom with pebble stones consisting of four elements

Technical data

Flume bottom
 ■ LxWxH: 4000x600x70mm
 LxWxH: 4000x600x70mm
 Weight: approx. 72kg (total)

Scope of delivery

- 4 elements
- 1 set of accessories
- 1 manual

HM 161.77

Flume bottom with pebble stones

Required accessories

070.16100 HM 161 Experimental flume 600x800mm