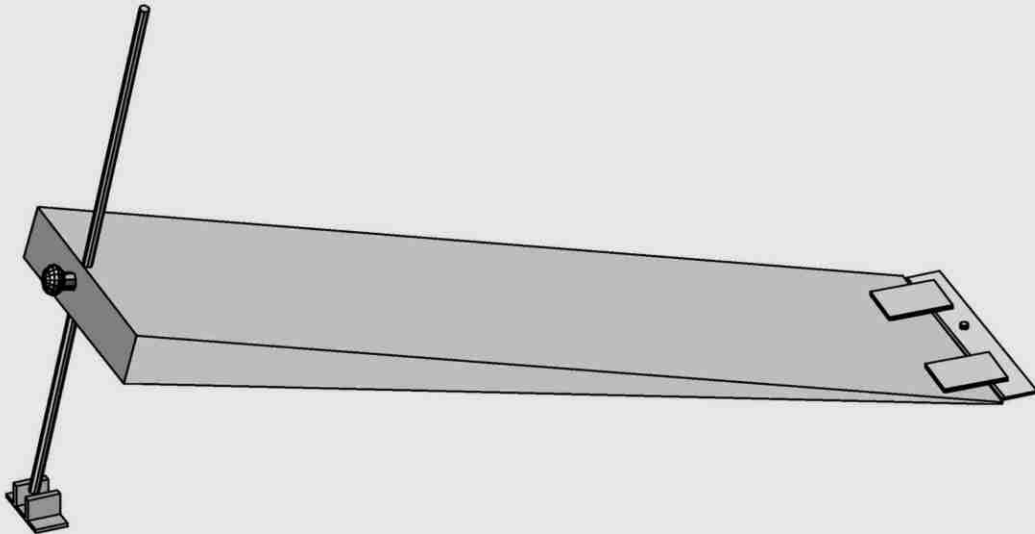


HM 162.42 *BEACH SIMULATION PLAIN CHARACTERISTIC*



- **Simulation of a sand beach**

Technical description

The HM 162.42 accessory is intended to enable the user to investigate the behaviour of waves on a rising beach; the unit is used in combination with the HM 162.41 Wave Generator. The stainless steel experimental arrangement forms a smooth, impermeable beach. The inclination of the beach body can be continuously adjusted. In this way different steeply rising beaches are very easy to simulate. The experimental layout consists of a beach body, a mounting plate and an inclination adjustment bar with a locking bolt.

Experiments

- Investigation of the propagation of waves with varying water depth
- Investigation of deep and shallow water waves over a smooth, impermeable beach
- Investigation of different breaker types
- Energy transport in a wave

Specification

- [1] Beach simulation for installation in the HM 162 Modular Flow Channel
- [2] Unit made of stainless steel, l x w x h 1300x304x480mm
- [3] Inclination up to a maximum of 18° provided

Technical data

Angle of inclination: 18°

Dimensions and weight

l x w x h: 1300 x 304 x 480 mm
Weight : approx. 14 kg

Scope of delivery

1 experimental arrangement,
1 set of accessories, 1 instruction manual

Order details

070.16242 HM 162.42 Beach Simulation
Plain Characteristic