

# HM 162.50

## Pitotstatic tube



The illustration shows HM 162.50 together with the instrument carrier HM 162.59.

### Specification

- [1] determination of discharge velocity in the experimental flume HM 162
- [2] determination of velocity via differential pressure
- [3] holder with vertical scale to indicate the position of the pitotstatic tube
- [4] hoses connect the pitotstatic tube and the battery-operated differential pressure display
- [5] used together with HM 162.59

### Technical data

#### Scale

- 0...450mm
- graduation: 1mm

#### Measuring ranges

- differential pressure: 0...140mbar
- resolution: 0,1mbar

LxWxH: 300x300x900mm

Weight: approx. 5kg

### Scope of delivery

- 1 pitotstatic tube
- 1 set of accessories
- 1 manual

### Description

#### ■ determination of discharge velocity using a pitotstatic tube

The pitotstatic tube HM 162.50 is used to measure the flow velocity in the experimental flume HM 162. It measures the static pressure and the total pressure at any point of the flow. The pressure difference corresponds to the dynamic pressure, from which the flow velocity can be calculated. The differential pressure display indicates the dynamic pressure.

The pitotstatic tube can be moved vertically. A scale indicates the corresponding vertical position of the measurement.

HM 162.52 is mounted on the moveable instrument carrier HM 162.59 so it can be used along the length and width of the experimental section.

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Required accessories

070.16259      HM 162.59      Instrument Carrier