HM 162.50
Pitotstatic tube

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

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.

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

HM 162.50
Pitotstatic tube

Required accessories

HM 162	Experimental flume 309x450mm
HM 162.59	Instrument carrier