

HM 160.50

Pitotstatic tube



Specification

- [1] determination of discharge velocity in the experimental flume HM 160
- [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 twin tube manometers

Technical data

Scale (vertical position)

- 0...240mm
- graduation: 1mm

Measuring ranges

- pressure: 2x 0...350mm WS

LxWxH: 250x180x510mm

Weight: approx. 3kg

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 160.50 is used to measure the flow velocity in the experimental flume HM 160. It measures the static pressure and the total pressure at any point of the flow. Twin tube manometers indicate both pressures. The pressure difference corresponds to the dynamic pressure, from which the flow velocity can be calculated.

The pitotstatic tube and the twin tube manometers are mounted on a carrier. The carrier can be placed upon and fixed to any position of the experimental section. The pitotstatic tube can be moved vertically. A scale indicates the corresponding vertical position of the measurement.

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Required accessories

070.16000 HM 160 Experimental flume 86x300mm