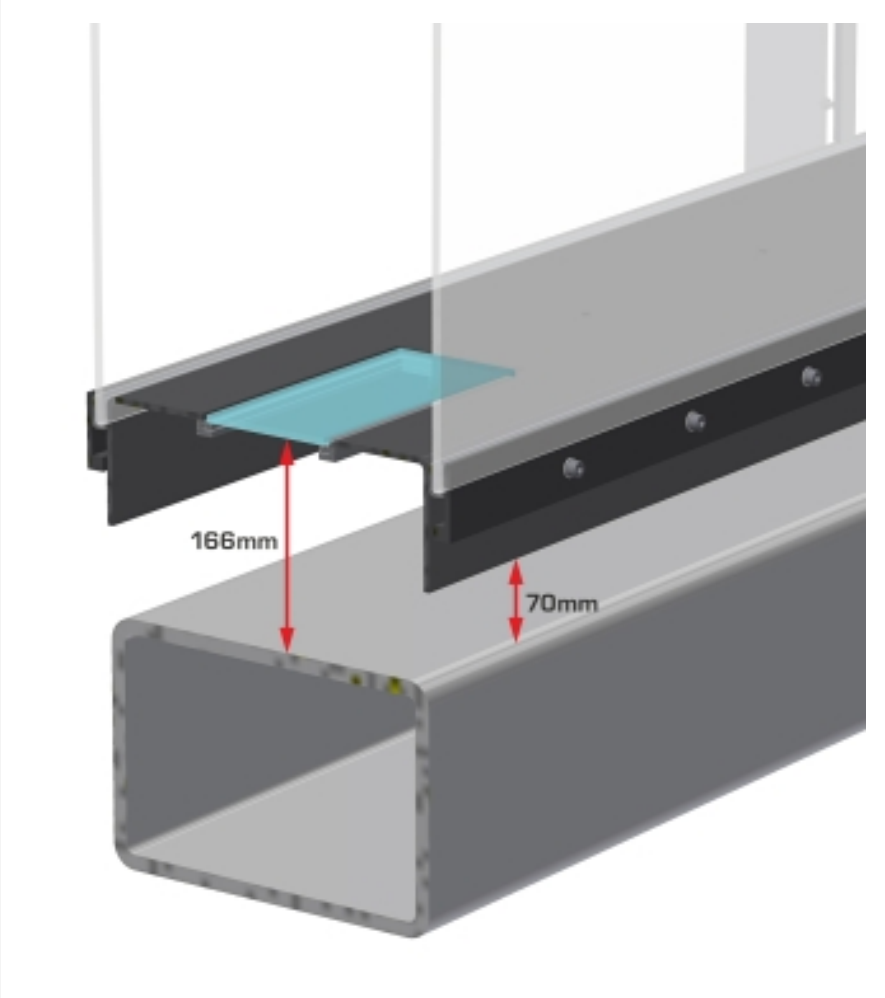
HM 162.83
Glass cut-out for PIV system



Installation dimensions for light source or camera below the experimental section

Description

- **glass pane installed in the base of the HM 162 experimental flume**
- **use together with a PIV system e.g. HM 162.81**

The HM 162.83 accessory is a glass cut-out for the HM 162 experimental flume and is intended for use with a PIV system, e.g. HM 162.81.

The installation of a glass cut-out in the bottom of the flume makes it possible to position a light source (laser, LED) or a camera below the experimental section. The incidence of light for the illumination of the particles during the PIV measurements is therefore independent of disturbances caused by a moving water surface.

The glass cut-out is located in the middle part of the experimental section and has a rectangular geometry. Different positions, dimensions and geometries of the glass cut-out are possible.

The installed glass pane is part of the HM 162 experimental flume and must be taken into account in the design. A subsequent installation is not possible.

Specification

[1] glass pane installed in the bottom of the HM 162 experimental flume
[2] visualisation of velocity fields together with a PIV system e.g. HM 162.81
[3] individual geometry (round/rectangular) possible

Technical data

Glass cut-out for HM 162
- LxW: 250x100mm
- glass thickness: 6mm

Installation dimensions for light source or camera below the experimental section
- height for pass-through: 70mm
- height for mounting: 166mm

LxWxH: 250x100x6mm
Weight: approx. 1kg

Required for operation

HM 162 Experimental flume and PIV system e.g. HM 162.81

Scope of delivery

1 glass cut-out

HM 162.83
Glass cut-out for PIV system

Required accessories

HM 162	Experimental flume 309x450mm
HM 162.81	PIV-System