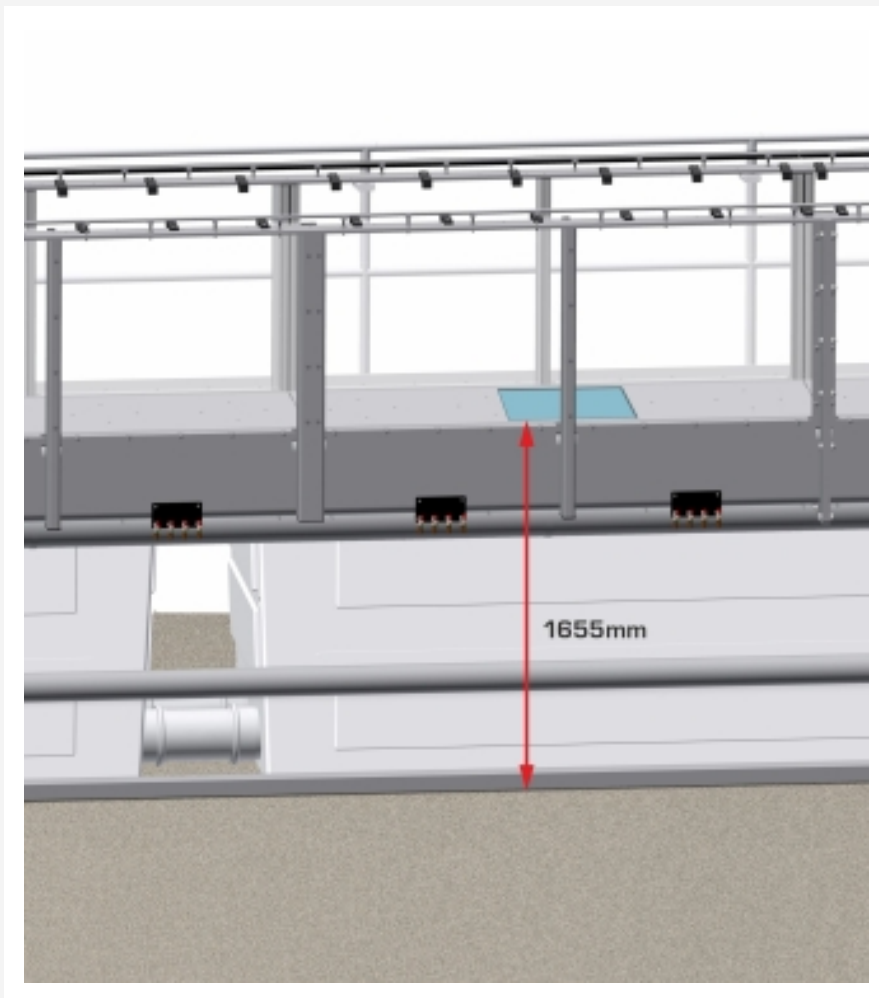


# HM 161.83

## Glass cut-out for PIV system



Installation dimensions for light source or camera below the experimental section

### Specification

- [1] glass pane installed in the bottom of the experimental flume HM 161
- [2] visualisation of velocity fields together with a PIV system e.g. HM 161.81
- [3] individual geometry (round/rectangular) possible

### Technical data

Glass cut-out for HM 161  
 ■ LxW: 540x310mm  
 ■ glass thickness: 12mm

Installation dimensions for light source or camera below the experimental section  
 ■ distance to the floor: 1655mm

LxWxH: 540x310x12mm  
 Weight: approx. 4,5kg

### Required for operation

HM 161 experimental flume, PIV system e.g. HM 161.81

### Scope of delivery

- 1 glass cut-out

### Description

- glass pane installed in the base of the HM 161 experimental flume
- use together with a PIV system e.g. HM 161.81

The HM 161.83 accessory is a glass cut-out for the HM 161 experimental flume and is intended for use with a PIV system, e.g. HM 161.81.

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 glass cut-out is part of the HM 161 experimental flume and must be taken into account in the design. A subsequent installation is not possible.

# HM 161.83

## Glass cut-out for PIV system

Required accessories

HM 161	Experimental flume 600x800mm
HM 161.81	PIV-System