Product name:	Product code:
Flow Over Weirs Flow Over Weirs	Fluid00024



Description

Flow Over Weirs Flow Over Weirs

Technical specification

- Square weir, notch w x h 60x50mm

Technical Data

- Weir panels made of PVC
    - Square weir: width of notch 60mm
    - Thomson weir: notch angle 90^{o}
- Level gauge: Measuring range 0...200mm
- Dimensions L x W x H : 290 x 190 x 290 mm
- Weight : approx. 2 kg

Flow Over Weirs Flow Over Weirs

The Flow over Weirs consists of five basic elements used in conjunction with the flow channel in the moulded bench top of the hydraulics bench.

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- A quick release connection in the base of the channel is unscrewed and a delivery nozzle screwed in its place.
- A stilling baffle locates into slots in the walls of the channel. The inlet nozzle and stilling baffle in combination promote smooth flow conditions in the channel.
- A Vernier hook and point gauge is mounted on an instrument carrier, which is located on the side channels of the moulded top. The carrier may be moved along the channels to the required measurement position.
- The rectangular notch weir or
- Vee notch weir to be tested is clamped to the weir carrier in the channel by thumb nuts. The weir plates incorporate captive studs to aid assembly.

Specification

- Self-sealing weir panels, 230x185x8mm, manufactured from PVC
- Level gauge to determine the weir head
- Thomson weir with notch 90°