Product name:	Product code:
Impact Of A Jet	Fluid00013



Description

Impact Of A Jet

Technical specification

Technical Data:

- Operating range d: 200 mm, height: 340 mm
- Nozzle d: 10 mm
- Deflecting angle of different deflectors:
- Plate: 90^{o}, hemisphere: 180^{o},
- Angled plate: 45^{o}/135^{o}, cone: 135^{o}

Impact Of A Jet

The apparatus consists of a cylindrical clear acrylic fabrication with provision for levelling. Water is fed through a nozzle and discharged vertically to strike a target carried on a stem which extends through the cover.

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A weight carrier is rigidly fixed to the upper end of the stem. The dead weight of the moving parts is counter-balanced by a compression spring. The vertical force exerted on the target plate is measured by adding the weights supplied to the weight pan until the mark on the weight pan corresponds with the level gauge. A total of four targets are provided: a flat plate, a 120Ã‚° cone and a hemispherical cup.

Specification:

- Cylindrical operating area made of Plexiglas, diameter 200mm, height 340mm
- Measurement of jet impact forces with weights
- 4 interchangeable deflectors
- Unit mounted on base plate,
- 400x400x40mm (lxwxh), powder-coated steel plate