

**Product Name :**

Impact of a Jet Apparatus

**Product Code :**

SLE/MCE/40



## Description :

### Features:

- Consists of a cylindrical tank with lateral transparent surfaces where a nozzle, connected to the Hydraulics Bench is aligned with a device in which the problem surface is fitted.
- The vertical force made by the water against the surface is measured using calibrated weights that balance this force.
- The dead weight of the moving parts is counterbalanced by a compression spring.
- Holes made on the tank base in order to drain the water.
- Discharge nozzle inside clear acrylic cylinder.
- Impact against a flat surface.
- Impact against a curve surface of 120°.
- Measurement of the jet forces via the weight-loaded scale

### Specification:

- **Jet diameter:** 8 mm.
- **Impact surfaces diameter:** 40 mm.
- **Dimension:** 800-x800 x 800 mm
- **Weight:** 90kg

### Impact surfaces:

- 180° hemispherical surface.
- 120° curve surface.
- 90° flat surface.
- A set of masses of 5, 10, 50 and 100 g. is supplied.

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