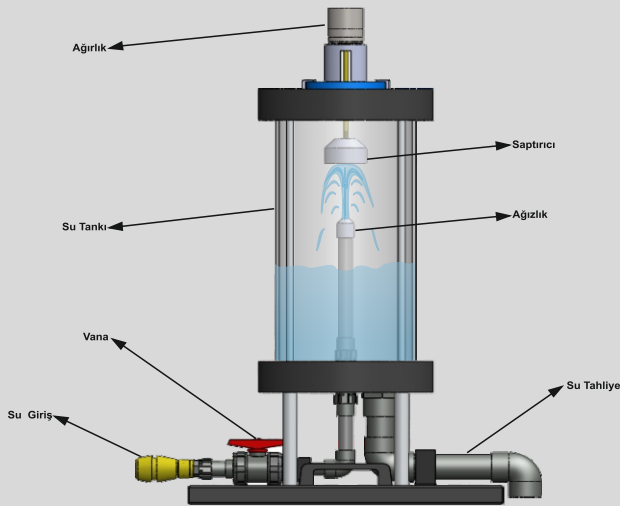




### GENERAL EXPLANATION

This training set is designed to demonstrate the fit of theory with the amount of momentum created by the water jet in the fluid spaces, using counterweights.



### PACKAGE INCLUDED

Device, device cover, 1 printed experiment report, circuit diagram and product catalog

### TECHNICAL SPECIFICATION

The training module consists of a conical water pipe vertically placed in a transparent cylindrical container. The solid surface piece of flat plate to be tested in the experiment is attached directly to the water jet by a scalloped bell supported by a spring with a rolling support and with a sliding mass on it. At the bottom of the cylindrical container is a hole through which the water is transferred to the metering tank. The relationship between the momentum and the force of action of a water jet that changes direction by multiplying by a solid surface is experimentally tested. The FML 15 Hydrology Main Unit is placed on the working surface and the water jet is run from there. The water flow is set via the Hydrology Main Unit.

### TECHNICAL DETAILS

- 90° flat surface, 45/135° inclined surface, 180° semi-circular surface and 135° conical surface
- Flat surface: 90°  
With inclined surface: 45° / 135°  
Half-circle surface: 180°  
Conical surface: should be 135°.
- The weight set must consist of at least the following weights;
  - 4x 0,2N
  - 3x 0.3N
  - 3x 1N
  - 3x 2N
  - 3x 5N
- Transparent main body
- Replaceable injectors of 6 mm, 8 mm and 10 mm sizes of the water jet