

GENERAL EXPLANATION

This training set is designed to apply a set of flow measurement methods commonly used in fluid spaces.

EXPERIMENTS

1. Flow measurement experiment with turbine type flow meter
2. Flow measurement experiment with rotameter type flow meter
3. Flow measurement experiment with orifice plate type flow meter
4. Flow measurement experiment with venturimeter type flow meter

DIMENSIONS

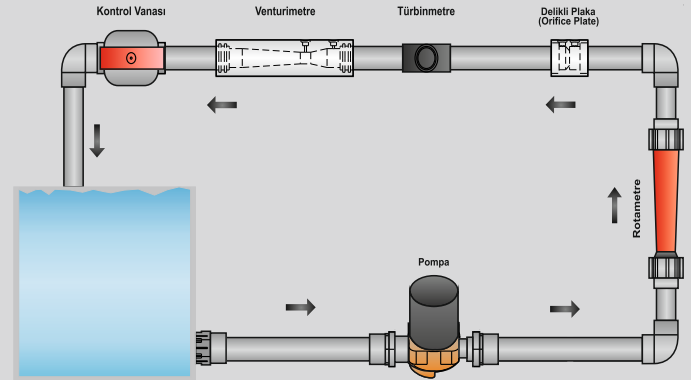
A x B x H : 1200 x 450 x 1500 mm

OPTIONAL FEATURES

- Touch LCD Display
- USB Computer Connection
- Computer Control

TECHNICAL SPECIFICATION

In this experiment, the relations between static pressure and current magnitudes can be investigated by applying mass and energy conservation (continuity and Bernoulli) equations as well as flow measurements. At the same time the loss coefficients of the flowmeters can be determined. The venturi, rotameter, turbine type and orifice plate can be compared with each other.



TECHNICAL DETAILS

- Turbine type flow meter
- Orifis plate
- Rotameter type flow meter
- Venturimeter type flow meter
- 3 stage circulation pump
- Digital flow and differential pressure indication
- Ball valve
- Liquid tank

PACKAGE INCLUDED

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