

### GENERAL EXPLANATION

This training set is designed to calculate the pressure losses in installation elements commonly used in the market.

### EXPERIMENTS

1. Pressure losses in elbow and connecting elements
2. Calculation of K values for different opening rates of the valves
3. Calculation of losses in straight pipes of different diameters

### DIMENSIONS

A x B x H : 2100 x 540 x 1500 mm

### OPTIONAL FEATURES

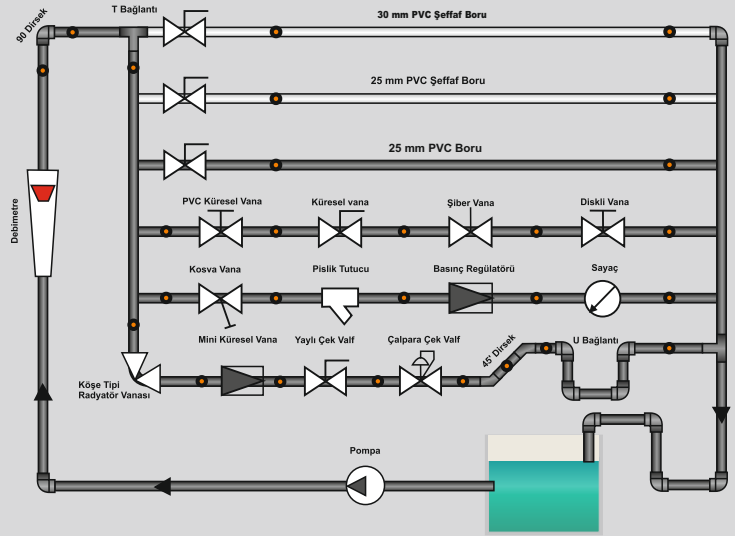
- Touch LCD Display
- USB Computer Connection
- Computer Control

### PACKAGE INCLUDED

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

### TECHNICAL SPECIFICATION

In this training set, the pressure losses due to friction in the angled and bent elbows in straight pipe and special pipe elements will be calculated. It should be taken into consideration that pipe elements, fittings and measuring instruments cause pressure losses. The test setup consists of 6 different sections which can be opened and closed separately. In these sections, various pipe sections are equipped with fasteners. Pressure differentials are detected with pressure gauges.



### TECHNICAL DETAILS

- Rotameter type water flowmeter
- Centrifugal pump
- Quick couplings
- Pressure measurement from 27 different points
- Pipe sections:
  - 30x4 mm PVC Transparent pipe,
  - 25x3,25 mm PVC Transparent pipe
  - 25x1,5 mm PVC pipe
- PVC Ball Valve, Chiba Valve, Kosva Valve, Corner Type Radiator Valve, Disilicate Valve, Spring Check Valve
- 90° elbow, 45° elbow, U connection