



GENERAL EXPLANATIONS

This training set designed to be used in the practice of lessons; fluid mechanics, flow machinery, pumps-compressors. With this set, it is easy to comprehend the basic concepts such as centrifugal pump efficiency, specific speed, NPSH, serial and parallel connections, how pump performance curves are generated and interpreted.

EXPERIMENTS

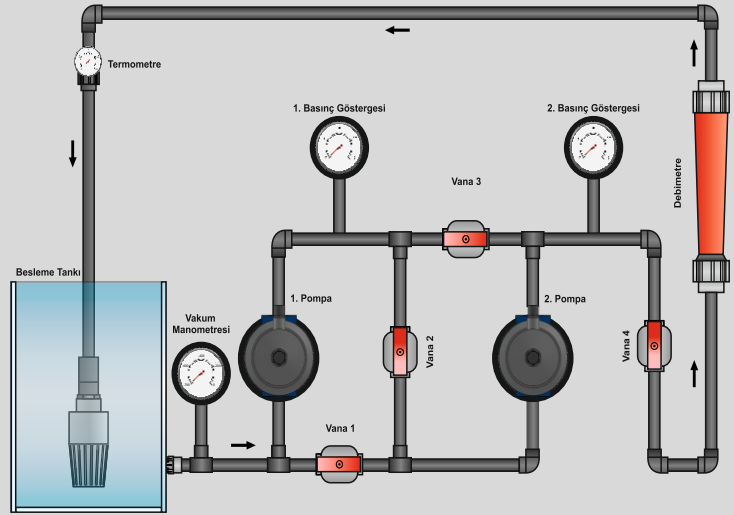
1. Pump head-flow relationship (characteristic curve) experiment
2. Pump specific speed test
3. Experiment to find pump efficiency
4. Experiment to find the pump NPSH value
5. Serial pump characteristic curve drawing experiment
6. Parallel pump characteristic curve drawing experiment

DIMENSIONS

A x B x H : 1250 x 750 x 1380 mm

TECHNICAL SPECIFICATION

Pumps are used to increase the flow rate of liquid flowing in a pipe. Through the valves on the training set, serial and parallel connections of two centrifugal pumps are realized and the differences between these two connections and the effects on the pumps can be observed thanks to the measuring devices on the device.



TECHNICAL DETAILS

- Centrifugal pump
- Ball valve
- Rotameter type water flowmeter
- Numerical measurement of electrical data
- 1 suction pressure manometer
- 2 discharge pressure manometers
- Water tank

PACKAGE INCLUDED

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