



GENERAL EXPLANATION

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 basic concepts such as efficiency, specific speed, NPSH of centrifugal pumps, how pump performance curves are generated and interpreted.

EXPERIMENTS

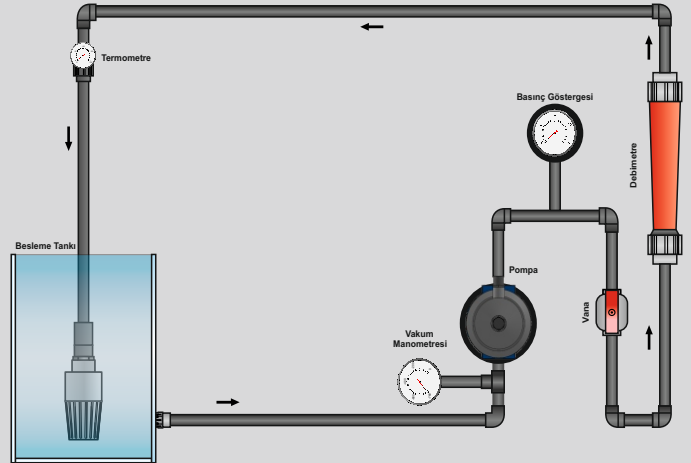
1. Pump head - flow relation
2. Finding the pump specific speed
3. Finding pump efficiency
4. Finding the pump NPSH value

DIMENSIONS

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

TECHNICAL SPECIFICATION

The experimental setup consists of a tank, a piping system for water circulation and a small scale centrifugal pump. The centrifugal pump is driven by an electric motor and the water is supplied to the pump by a flow control valve.



TECHNICAL DETAILS

- Centrifugal pump
- Ball valve
- Digital ammeter, cos(fi) meter and multimeter
- Rotameter type water flowmeter
- Manometer

PACKAGE INCLUDED

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