



GENERAL EXPLANATION

Within the pump training set, two pumps were used with the same diameters but different capacities. In practice, it is aimed to realize the energy consumed by a selected pump more than necessary and the improvement works that can be performed without changing the existing pump.

EXPERIMENTS

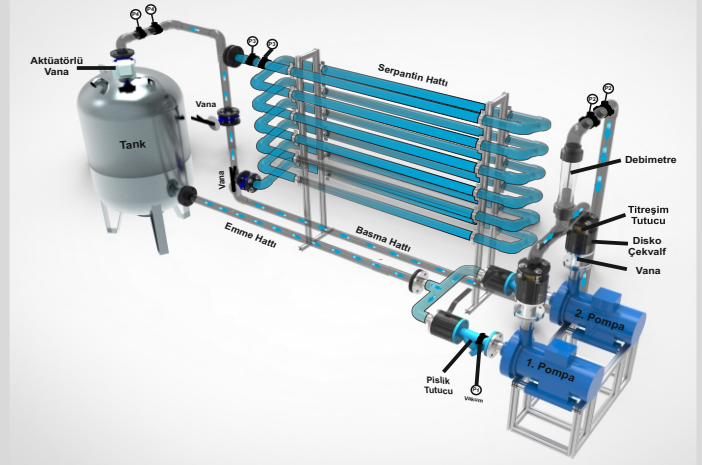
1. Current situation
2. Indication and results of valve throttling
3. Analysis of inverter manual control
4. Finding pressure loss of serpentine and serpentine lines in variable speed pump
5. Automatic operation of the inverter in pressure control
6. Large impeller centrifugal pump at different speeds of pump efficiency

OPTIONAL FEATURES

- Touch LCD Display
- USB Computer Connection
- Computer Control

TECHNICAL SPECIFICATION

Two different capacities of the pump are used in the training set to compare energy consumption, pressure losses and emissions. How the pump reacts at fixed and variable cycles can be compared by filling the table.



TECHNICAL DETAILS

- Centrifugal pump
- 2 pumps
- Water tank
- Flowmeter
- 4 manometers
- 4 pressure sensors
- Check valve

PACKAGE INCLUDED

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