

GENERAL EXPLANATION

This training set is a different application of automatic level control and the pump motor is controlled by frequency driver.

EXPERIMENTS

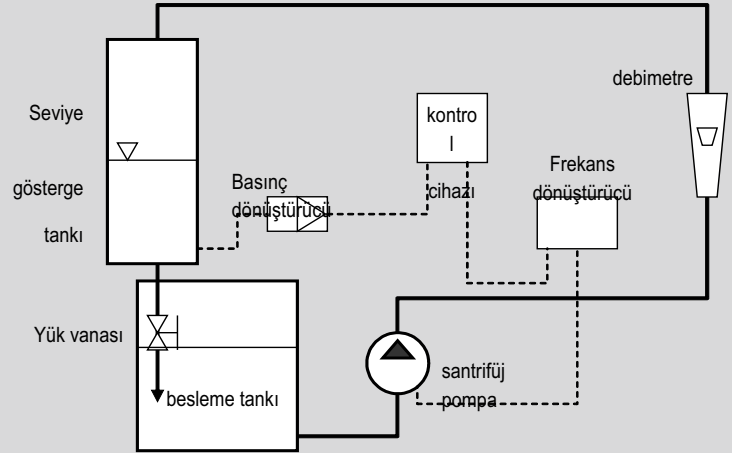
1. Two-position (ON-OFF) level control of water level
2. Proportional (P) level control of water level
3. Proportional and integral (PI) level control of water level
4. Proportional and differential (PD) level control of water level
5. Proportional, integral and derivative (PID) level control of water level

DIMENSIONS

A x B x H : 900 x 500 x 1550 mm

TECHNICAL SPECIFICATION

In this set, it is aimed to set the water level to the desired set values by driving the pump with frequency driver with automatic control systems. The effects of the proportional coefficient, the integral coefficient and the derivative coefficient on the PID control, the operating principle of the on-off control can be observed.



TECHNICAL DETAILS

- Centrifugal pump
- Proportional valve
- Transparent level column
- Frequency driver

OPTIONAL FEATURES

- Touch LCD Display
- USB Computer Connection
- Computer Control

PACKAGE INCLUDED

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