

GENERAL EXPLANATION

This training set is a typical application of automatic level control and different control algorithms can be applied.

EXPERIMENTS

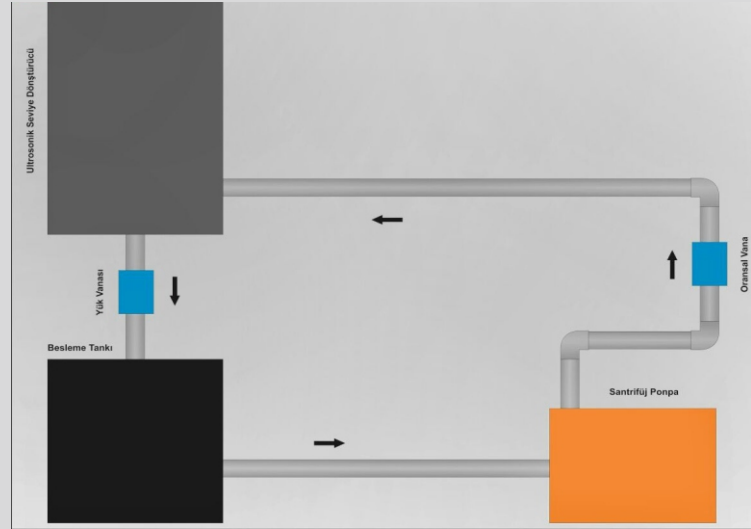
1. Two-position (ON-OFF) control of water level
2. Proportional (P) control of water level
3. Proportional and integral (PI) control of water level
4. Proportional and derivative (PD) control of water level
5. Proportional, integral and derivative (PID) control of water level

DIMENSIONS

A x B x H : 1080 x 640 x 1500 mm

TECHNICAL SPECIFICATION

It is aimed to set water level to desired set values with automatic control systems in this set. 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

- Recirculation pump
- Proportional valve
- Transparent level column

OPTIONAL FEATURES

- Touch LCD Display
- USB Computer Connection
- Computer Control

PACKAGE INCLUDED

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