



GENERAL EXPLANATION

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

EXPERIMENTS

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

TECHNICAL SPECIFICATION

This set is aimed to set the water flow to the desired set values 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
- Turbine type and rotameter type flow meter

DIMENSIONS

A x B x H : 900 x 500 x 1450 mm

OPTIONAL FEATURES

- Touch LCD Display
- USB Computer Connection
- Computer Control

PACKAGE INCLUDED

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