GENERAL EXPLANATION

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

EXPERIMENTS

1. Two-position (ON-OFF) control of water temperature

2. Proportional (P) control of water temperature

3. Proportional and integral (PI) control of water temperature

4. Proportional and derivative (PD) control of water temperature

5. Proportional, integral and derivative (PID) control of water temperature

TECHNICAL SPECIFICATION

It is aimed to set water temperature 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

- Centrifugal pump

- Closed expansion tank

- Open-close and PID control

- Resistance

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

ARGEMSAN