

**Product Name :**  
Temperature Process Training System

**Product Code :**  
CHINAELABC2810003



**Description :**

Temperature Process Training System

**Technical Specification :**

The Temperature Process Training System is a compact and mobile unit for a wide range of experiments in temperature control. It gives students a greater understanding of the stability of simple control systems. The self-contained unit can do many experiments, but it can also connect to the optional Computer Control System for distributed control.

The main parts of the Temperature Process Training system are:

- Industrial controller with auto tune feature
- Two-channel chart recorder
- Heat-exchanger and fan
- Temperature transmitter
- Thermocouples
- Delay coil
- In-line heater
- Three-speed pump
- Reservoir

Experiments of Temperature Process Training System

Proportional, integral and derivative control

Setting up and demonstrating automatic control

The principles of loop control and the calibration and tuning of temperature transmitters and thermocouples

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Operation of a temperature control system  
Distributed control



**Engineering Lab China**