

**Product Name :**  
Temperature Control training system Stand-Alone**Product Code :**  
NPC-16-06-18-0028**Description :**

Temperature Control training system Stand-Alone

**Technical Specification :**

The System should cover the following Experiments:

Fundamentals of temperature control system

Open loop control response

Effects of different controller parameters and methods on the response of the closed loop system

Recording of step responses (reference variable, disturbance variable) Study of Controller Optimization

Minimum Technical Specifications Required:

Basic Unit with USB Port

Aluminium heated bar

Peltier element

Fan with flow rate: 40m<sup>3</sup>/h

Temperature sensor: 0...100°C

Thermometer: 0...100°C

P, PI, PID and switching controller Software

## Electrical and Electronics

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