

**Product Name :**  
Training System Temperature Control

**Product Code :**  
NLAB-ENGINEERINGLB54010

**Description :**

Training System Temperature Control

**Technical Specification :**

- Experimental unit for control engineering experiments.
- Temperature control of a heated metal bar.
- Heating and cooling by Peltier element.
- Temperature sensors at 3 different points along axis of bar to establish thermal lags.
- Software activated fan to generate disturbance variables.
- Software-based controlled system simulation.
- Process schematic on front panel.

**Technical Data:**

- Heated bar: DxL: 20x200mm, aluminium.

**Peltier element:**

- Power consumption depending on temperature.
- Power at 300K: 38,2W.

- Power at 50°C: 44,3W.
- Operated by DC voltage.

**Fan:**

- Power consumption: 2W
- Max. flow rate: 40m³/h
- Temperature sensor: 0...100°C
- Thermometer: 0...100°C
- Temperature control range: 0...100°C

We are well-known manufacturers, OEM suppliers of Training System Temperature Control for Applied Machines. Contact us for high quality Training System Temperature Control for Applied Machines for schools lab, college lab, universities, research labs, various teaching and workshop training laboratories and industries in India.

## Naugralabequipments

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