

**Product Name :**  
Trainer for Industrial Controllers

**Product Code :**  
NLAB-ENGINEERINGLB54005



**Description :**

Trainer for Industrial Controllers

**Technical Specification :**

- This trainer familiarises students with the operation and function of a state-of-the-art industrial process controller.
- The controller has freely accessible inputs and outputs.
- Defined input levels and step signals can be produced with a signal generator.
- A digital voltmeter is used to measure the input and output signals.
- A simple first order lag is simulated to allow the response and stability of a closed control loop to be investigated.
- All signals are accessible via lab jacks so a standard x/y plotter or line recorder can be used.
- It is also possible to control external system models with this controller.
- As well as manual configuration and parameter setting with keys, the controller can be configured (configuration software supplied) from a

PC over interface.

- Clearly structured instructional material sets out the fundamentals and provides a step-by-step guide through the exercises.

## Naugralabequipments

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