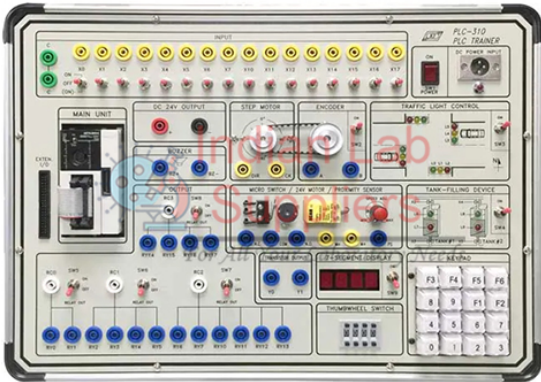


**Product Code . ILS-ELE-10675**

## Programmable Logic Control (PLC) Trainer



### Description

Programmable Logic Control (PLC) Trainer

(Preferably Siemens or its equivalent)

Inside a laboratory for automation technologies, the trainer is the necessary tool for the training of technicians operating in industry for the maintenance and the design of installations. Carried out with industrial components, the trainer enables the development of a solid experimentation and a high content of knowledge, on PLC programming and the solution of more complex problems related to automation.

### Technical Specifications:-




- Sheet steel container, chemically treated and painted with epoxy paint.
- 24 Vdc / 3 A power supply for control of the digital inputs and outputs. With electronic protection against short-circuits and overloads.
- 24 Vac / 3 A power supply for relay output control. With fuse protection against overloads.
- Side handles to move the equipment easily in the laboratory.

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- Front panel, in insulating material, with silk screen representation of the diagrams and inner components of the equipment.
  - 1 3 1/2-digit digital voltmeter for measurement of the voltage present across the inputs or the analog output. 0.1Vdc resolution.
  - 1 Rotating switch for voltmeter input selection.
  - 4 Analog inputs V / I:  $\pm 10$  Vdc, 0..20 mA.
  - 1 Analog output V / I:  $\pm 10$  Vdc, 0..20 mA.
  - 4 Rotating potentiometers for setting up analog references in the range 0..10 Vdc.
  - Digital input simulator with permanent and pulse state switches.
  - Safety terminals, standard 4 mm and 2 mm for connection of the inputs and outputs to external devices.
  - Inner voltage reference obtained via 24 Vdc inner stabilizer.
  - 14 Digital standard inputs of which 6 special for fast counting, frequency measurements.
  - 10 Digital outputs interfacing with relay without potential and range between 10 Aac / 2 Adc.

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