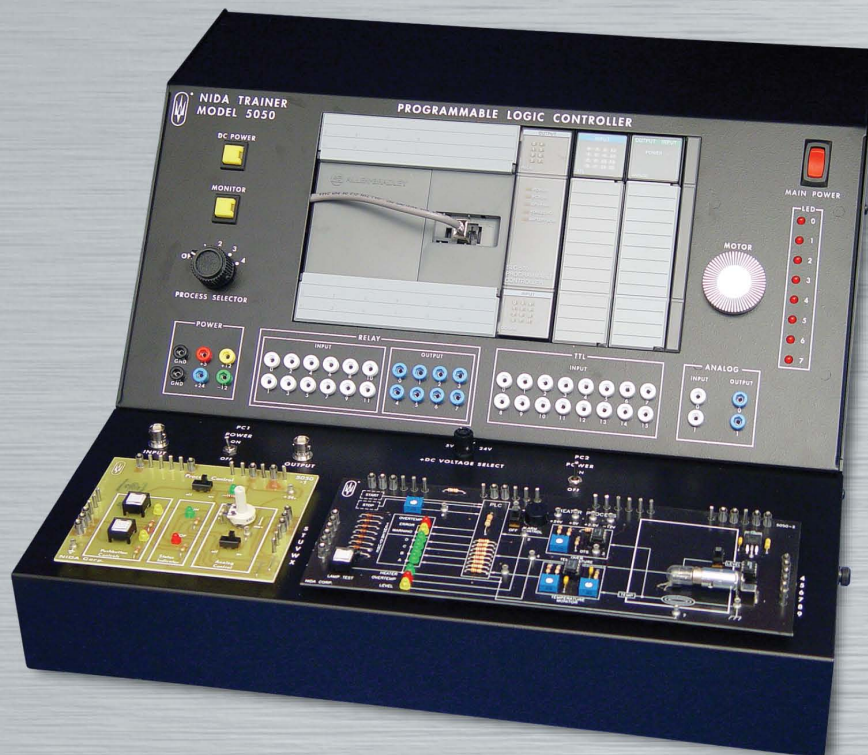


# PLC Trainer



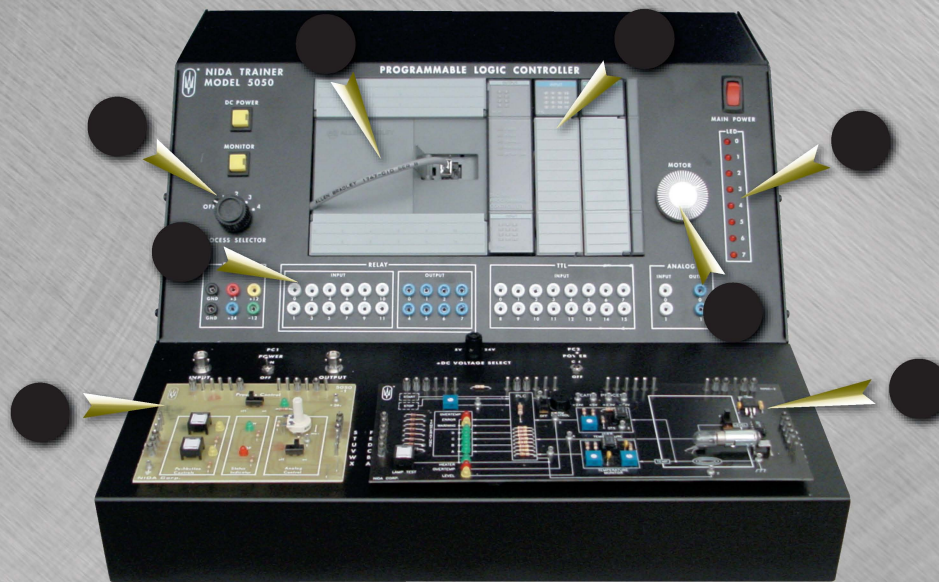
## Model 5050

The E & L-Nida Model 5050 Programmable Logic Controller Trainer is the ideal PLC trainer to enhance your industrial maintenance course. Based on the Allen-Bradley SLC 500, the Model 5050 trainer provides your student a complete PLC training package, from troubleshooting fundamental PLC circuits to programming advanced automated processes. The Model 5050 PLC Trainer comes standard with relay and TTL slots, an 8 LED level/process display, variable speed motor, and basic process control circuit cards.

Power, relay, TTL, and analogue input/output connections allow the student to receive inputs and control outputs to various external devices. The Model 5050 PLC Trainer is designed with a computer interface module for programming the PLC using APS or RS Logix software and can be utilized as a stand-alone trainer or interfaced with the E & L-Nida PLC CAI software. In the classroom or in the factory, the E & L-Nida Model 5050 PLC Trainer is the logical choice to enhance your industrial technology training programme.



# E & L-Nida Model 5050



## Features

1. **Process Control Card** - provides students with basic Start/Stop, Status Indication, an Analogue Control concepts and experimentation.
2. **Input/Output Interface** - allows external connection to input and output devices for controlling external processes.
3. **Process Selector** - built-in selector provides preprogrammed basic control functions.
4. **Allen-Bradley SLC 500** - includes the proven, reliable, and standard PLC used throughout industry.

5. **Relay and TTL Slots** - incorporate two of the most popular slots used in industrial applications.
6. **Variable Speed Motor** - used to demonstrate fixed and variable motor processes.
7. **8 LED Level/Process Display** - provides a visual indication of levels, process steps, and digital states.
8. **Fundamental Process Card** - allows students to observe, and troubleshoot a multitude of process outputs.

## Specifications

**Primary Power:** 220 VAC (0.3A max) or 115 VAC (0.6A max), 50/60 Hz switched controlled & primary fuse protection.

**DC Power Sources:** +5V, -12V, +12V, +24V selectable power supply.

**Input and Output:** BNC input and output 9 & 25 pin serial ports 12 input & 8 output relays, 16 TTL input channels, 2 analogue inputs & 2 analogue outputs.

**Operating Temperature:** 10 degrees to 40 degrees Celsius ambient.

**Dimensions:** 22.8cm H x 45.7cm D x 45.7cm W

**Weight:** 10 kg

**Construction:** Sheet metal covered by flat panel matt finish.

### E & L-NIDA

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