



38701 Logic Training Board has been designed for the Study of the Truth Table of Basic Gates OR, AND, NOR, NAND, EX-OR, EX-NOR and NOT using (2, 3, 4 input) and one output.

Practical experience on this board carries a great education value for science, computer and Engineering students.

**Objects:**

01. To verify the Truth Table of with Two input.

- 1.1 OR
- 1.2 AND
- 1.3 NOR
- 1.4 NAND
- 1.5 EX-OR
- 1.6 EX-NOR
- 1.7 NOT

02. To verify the Truth Table of Basic Logics Gates with Three input.

- 2.1 OR
- 2.2 AND
- 2.3 NOR
- 2.4 NAND
- 2.5 EX-OR
- 2.6 EX-NOR

03. To verify the Truth Table of Basic Logics Gates with Four input.

- 3.1 OR
- 3.2 AND
- 3.3 NOR
- 3.4 NAND
- 3.5 EX-OR
- 3.6 EX-NOR

- 03. 4 SPDT, Data, Switch for logic input.
- 04. One LO? for output Logic indication.
- 05. Adequate No. of other electronic components .
- 06. Mains On/Off switch, fuse & Jewel light.
- 07. This unit is operative on 230V ± 10% at 50Hz A.C. Mains.
- 08. Adequate no. of patch cords stackable 2mm spring loaded plug length 50cm.
- 09. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
- 10. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 11. Weight : 1Kg. Approx.
- 12. Dimension : W340 X H125 X D210

**List of Accessories:**

- 01. Patch cord 2mm length 50cm Red----- 03
- 02. Patch cord 2mm length 50cm Black-----03

**Technical Specification:**

The Training Board consists of the following in parts:

- 01. +5V DC at 100mA IC Regulated power supply Internally connected.
- 02. IC for Different Gates (OR, AND, NOR, NAND EX-OR, EX-NOR, NOT)

Note: Specifications are subject to change.

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