

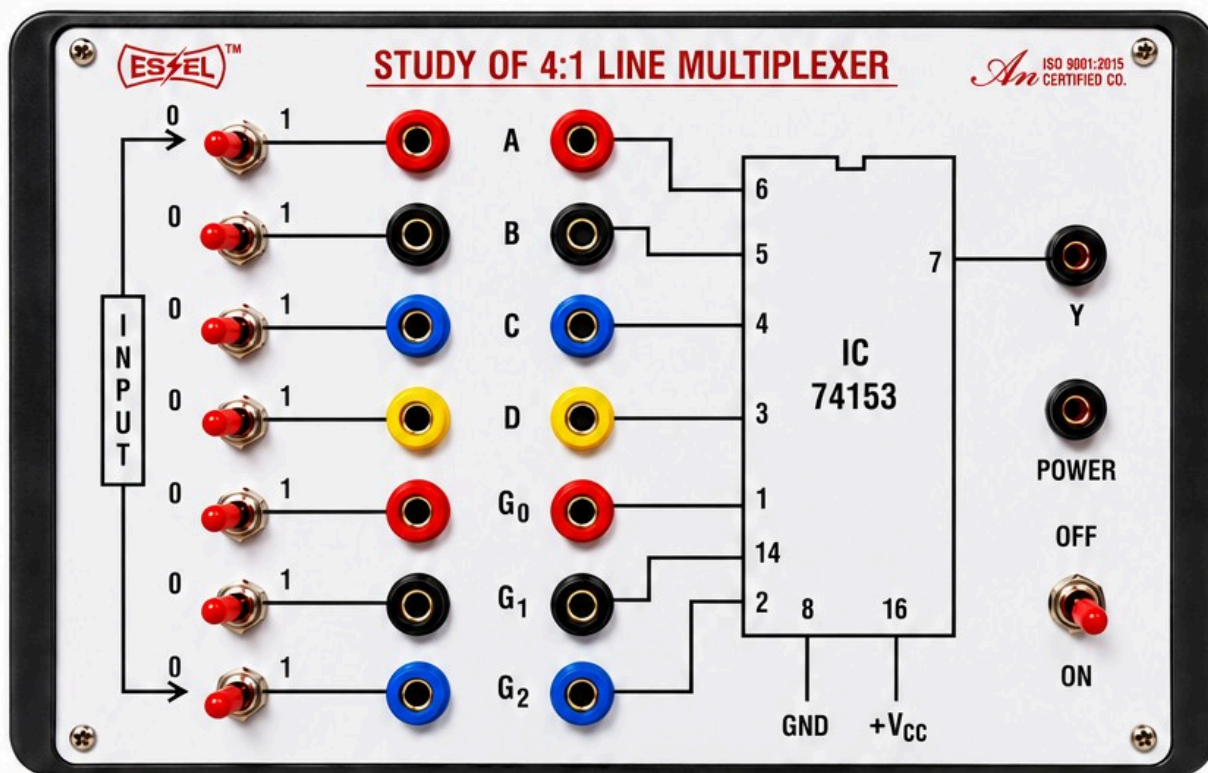
4:1 LINE MULTIPLEXER

Precision Logic Training. Trusted Performance.

Advanced Digital Electronics Trainer for Educational & Industrial Applications



An ISO 9001:2015
CERTIFIED CO.



OVERVIEW

The 4:1 Line Multiplexer is a practical digital electronics trainer designed to demonstrate the operation and functionality of a 4-to-1 data selector. The trainer enables students to understand digital switching, data routing, logic control, and multiplexing concepts through hands-on experimentation.

Widely used in engineering colleges, polytechnics, vocational institutes, laboratories, and R&D centers for digital electronics training.



High Accuracy

Reliable practical demonstrations.



Robust Design

Industrial-grade construction.



Easy Operation

Simple connections and operation.



Reliable Performance

Long-lasting and dependable trainer.

SPECIFICATIONS

- Product Name : 4:1 Line Multiplexer
- IC Used : 74153
- Function : 4-to-1 Data Multiplexer
- Data Inputs : 4 Inputs (A, B, C, D)
- Select Inputs : G_0 , G_1 , G_2
- Output : Y
- Logic Family : TTL Compatible
- Supply Voltage : +5V DC
- Power Indicator : LED
- Mounting : Metal Panel Mounted
- Construction : Industrial Grade Trainer
- Dimensions : Approx. 310 × 190 × 60 mm
- Weight : Approx. 1.5 kg
- Applications : Digital Electronics Labs, Engineering Education, Training Institutes & R&D Centers

FEATURES

- Based on IC 74153 Dual 4:1 Multiplexer
- Clear demonstration of multiplexing operation
- Individual input selection switches
- Visual indication of output and power status
- Educationally designed circuit layout
- Durable metal panel construction
- Laboratory and classroom friendly
- Easy fault-free operation
- Compact and portable design
- Ideal for practical digital electronics experiments

APPLICATIONS

- Digital Electronics Experiments
- Logic Design Demonstrations
- Educational Laboratories
- Engineering Colleges
- Polytechnic Institutes
- Technical Training Centers
- Skill Development Programs
- Research & Development Labs

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