

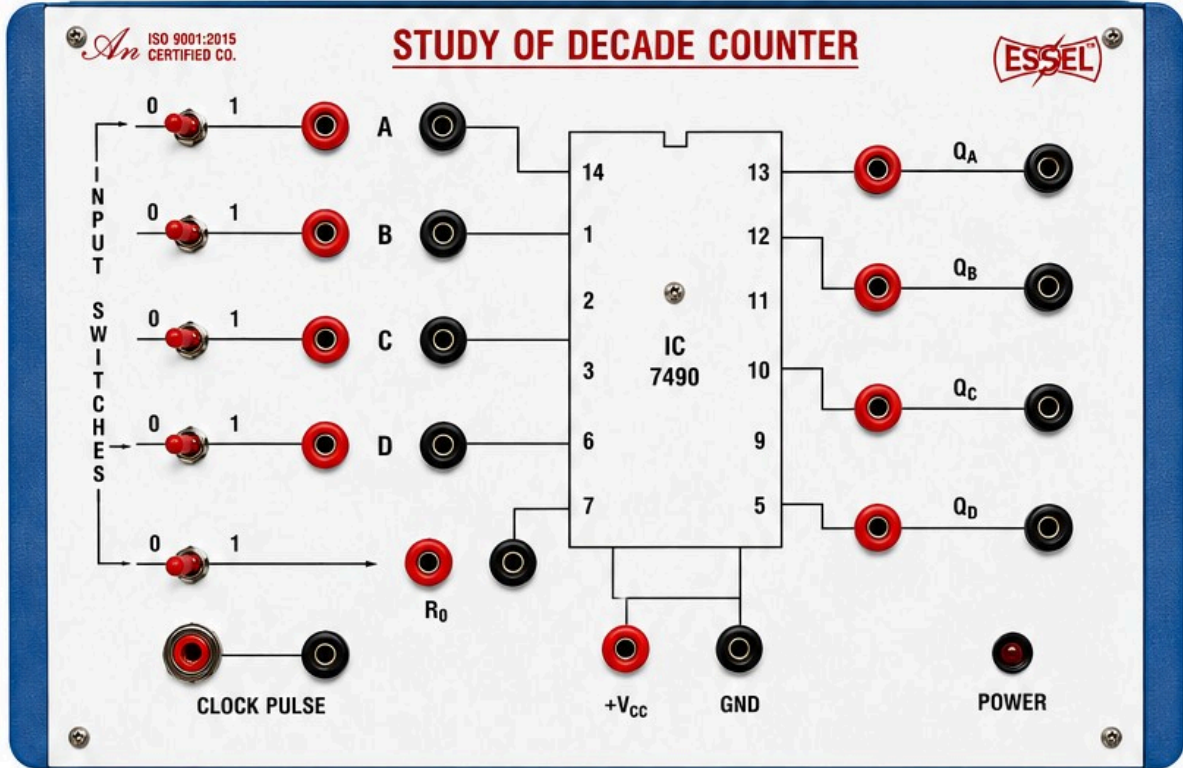
# DECADE COUNTER

Precision Logic Training. Trusted Performance.

Advanced Digital Electronics Trainer for Educational & Industrial Applications



An ISO 9001:2015  
CERTIFIED CO.



## OVERVIEW

The Decade Counter Trainer is a practical digital electronics training system designed to demonstrate the operation and functionality of decade counting circuits using IC 7490. The trainer enables students to understand counting sequences, clock pulse operations, reset functions, and digital counting techniques through hands-on experimentation.

Widely used in engineering colleges, polytechnics, vocational institutes, laboratories, and R&D centers for digital electronics education and 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** : Decade Counter
- **IC Used** : 7490
- **Function** : BCD Decade Counter
- **Counter Type** : Mod-10 Counter
- **Count Sequence** : 0 to 9
- **Inputs** : Clock Pulse, Reset Inputs
- **Outputs** : QA, QB, QC, QD
- **Logic Family** : TTL Compatible
- **Supply Voltage** : +5V DC
- **Power Indicator** : LED
- **Mounting** : Metal Panel Mounted
- **Construction** : Industrial Grade Trainer
- **Dimensions** : Approx. 310 × 210 × 60 mm
- **Weight** : Approx. 1.5 kg
- **Applications** : Digital Electronics Labs, Engineering Education, Training Institutes & R&D Centers

## KEY FEATURES

- Based on IC 7490 Decade Counter
- Clear demonstration of counting operations
- Individual input switch arrangements
- Clock pulse input provision
- Reset functionality available
- Visual output indication through terminals
- Educationally designed circuit layout
- Durable metal panel construction
- Laboratory and classroom friendly
- Compact and portable design
- Easy fault-free operation

## APPLICATIONS

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

## CONTACT US

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