



Product Overview

The Digital IC Trainer Kit is an educational laboratory equipment designed to study and experiment with digital logic circuits and integrated circuits (ICs). It enables students and engineers to perform practical experiments related to logic gates, flip-flops, counters, multiplexers, and other digital circuits.

The trainer kit includes multiple ZIF sockets, logic input switches, output indicators, and clock generators which help in performing a variety of digital electronics experiments. It is widely used in engineering colleges, polytechnic institutes, technical training centers, and electronics laboratories for hands-on learning.

Technical Specifications

Parameter	Specification
Product Name	Digital IC Trainer Kit
16 Pin ZIF Socket	4 Nos.
40 Pin ZIF Socket	1 No.
Logic Input Switches	10 Nos.
Logic Output Indicators	10 Nos.
Clock Generator	TTL Clocks: 1 Hz, 1 KHz, 10 KHz, 100 KHz
Pulse Generator	Mono Pulse
Power Supply	+5V DC, ±12V DC
Display	Seven Segment Display
Terminals	4 mm Terminals
Accessories	12 Patch Cords

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Key Features

- Designed for digital electronics experiments and demonstrations.
- Multiple ZIF sockets for easy IC insertion and removal.
- 10 logic input switches for applying digital signals.
- 10 LED output indicators for monitoring circuit outputs.
- Built-in TTL clock generator with multiple frequency ranges.
- Mono pulse generator for single pulse experiments.
- Seven segment display for digital output visualization .
- 4 mm terminals with patch cords for easy circuit connections.
- Suitable for digital logic training and practical experiments.

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