

Flip-Flop Trainer

Model : SC-907/SC-310



SINCOM SC-907/SC-310 Flip-Flop Trainer is a self contained trainer to verify the operation & truth table of RS,JK,JKMS,D & T Flip-Flops using logic gates and ICs, with the facility to apply logic Inputs, logic output Indicator, Mono clock Pulse generator and DC Power Supply.

Features

- ❖ Covers all the Flip-Flops
- ❖ Separate modules for all Flip-Flops
- ❖ 04 TTL Logic Inputs generator
- ❖ 02 LEDs for TTL logic Output Indicator
- ❖ Incorporate DC Power supply
- ❖ Mono Clock Pulse generator
- ❖ Presents a multi-color Circuit Diagram printed on the front panel of the white board
- ❖ Enclosed in an attractive, light weight, High Quality, Poly Coated Imported Pine Wooden cabinet
- ❖ Interconnections by 2mm high quality banana sockets and pins.
- ❖ User friendly Designed

Technical Specifications

▪ AC Mains Power Supply	: 230V $\pm 10\%$, 50Hz
▪ Regulated Fixed DC Power Supply	: +5V /500mA
▪ Digital TTL Logic Input Generator	: 04 by Switches
▪ Digital TTL Logic Output Indicator	: 02 LEDs
▪ Mono Pulse Generator	: 01
▪ Flip-Flops Based on	: NAND, NOT Logic Gates and IC 74279, IC 7473
▪ Weight	: 3.0 kg (approx)
▪ Dimensions (mm)	: L 270 x W 390 x H 130
▪ Interconnections	: 2mm Banana sockets
▪ Operating Temperature	: 0-55 $^{\circ}$ C, 85% RH



An ISO 9001:2015 Co.

Learning Scope

- To Study Flip-flop trainer.
- To Study and verify the truth table of R-S & Clocked R-S Flip-Flop.
- To Study and verify the truth table of JK & JK Master Slave Flip Flop.
- To Study and verify the truth table of D and Clocked D-Flip Flop.
- To Study and verify the truth table of T-Flip Flop.

Other Instruments Required : Nil

Accessories Included : Set of Patch Cord and Details Instruction Manual.