

## Digital Code Converter Trainer

### Model : SC-906

**SINCOM SC-906 Digital Code Converter Trainer** is a self contained trainer to verify the operation & truth table of various code converter like BCD-Decimal-BCD, BCD-Binary, BCD-Excess3-BCD, Binary-Gray-Binary, BCD-Seven Segment Decoder etc. using logic gates and ICs.

### Features

- ❖ All Code converter circuits on a single trainer
- ❖ Separate modules for all code converters
- ❖ 06 TTL Logic Inputs generator
- ❖ 06 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	: 06 by Switches
▪ Digital TTL Logic Output Indicator	: 06 LEDs
▪ Mono Pulse Generator	: 01
▪ Code Converters Based on	: Logic Gates, Digital IC
▪ 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

### Learning Scope

- To Study Digital Code converter trainer.
- To Study BCD-Decimal-BCD code converters.
- To Study Decimal-Excess 3- Decimal code converters.
- To Study Binary-Gray-Binary code converters.
- To Study BCD to Seven segment decoder.
- To study various code converters circuits based on logic gates.

### Other Instruments Required : Nil

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