



An ISO 9001:2015 Co.

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

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|--------------------------------------|---------------------------|
| ▪ 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°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.