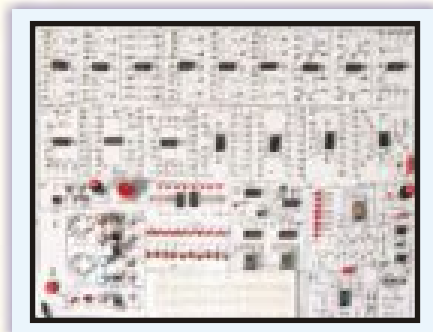




# DIGITAL TRAINER

## MODEL DICDM100

This trainer has been designed with a view to provide practical and experimental knowledge of different digital IC.



### SPECIFICATIONS

1. Power supply : 230V AC, + 10 %
2. Built in Power Supply : +5V,250mA and +15V,250mA regulated.
3. Clock generator : Variable from 1Hz to 1KHz in 3 ranges
4. Logics provided :
  - NOR gates - 4 nos. (IC7402)
  - AND gates - 4 nos. (IC7408)
  - OR gates - 4 nos. (IC7432)
  - EX-OR gates - 4 nos. (IC7486)
  - NOT gates - 6 nos. (IC7404)
  - JK flip flop - 2 nos. (IC7473)
  - `D' flip flop - 2 nos. (IC7474)
  - Counter - 1 nos. (IC7493)
  - Counter - 1 nos. (IC7490)
  - Shift register - 1 nos. (IC7495)
  - Binary adder - 1 nos. (IC7483)
  - Decoder - 1 nos. (IC74138)
  - Encoder - 1 nos. (IC74151)
  - Magnitude comparator - 1 nos. (IC7485)
  - Monostable - 2 nos. (IC74121)
  - A to D Converter - 1 nos. (ADC0800)
  - D to A Converter - 1 nos. (DAC0800)
5. Pulsar Switches : 1 Nos Bounce less with LED indication.
6. High /Low switches : 16 Nos provided with LED indication to apply 0 and 1 level
7. LEDs : 16 Nos provided for output/input level
8. Displays : 3 nos. Seven segment LED display with decoder IC for BCD input.
9. Terminals : All terminals ( 2mm sockets) soldered Properly to avoid loose connections.
10. Bread Board : 640 Tie point and 1 distribution strip bread board Provided  
-175mm long accepting hookup wires 0.56 mm dia (24SWG) ordinary wires for bread boarding ckts. Slot marking provided.
10. All ICs provided on sockets and possible to replace without desoldering.
11. Standard 2 mm sockets are provided..
12. Standard Accessories :
  - 1. A Instructional Manual - 1 No.
  - 2. Connecting wires - 50 Nos.

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**Dealer:-**