

Product Code:

AL-E139

CATALOGUE

#118, Karanpuri, Behind B.D.Floor, Ambala Cantt, Haryana (India),

UNIVERSAL BREAD BOARD SYSTEM TRAINER

Specifications:

- 850 points bread board 1nos.
- Power supply +5V, 500mA is available in the trainer to use various TTL & CMOS ICs.
- On board pulsar circuit to provide the mono-pulse to the digital circuits.
- On board clock circuit to provide the low frequency clock to the digital circuits.
- 8 digital input logic high low switch.
- 8 digital output indicators.
- 20 pin zip sockets to place the various ICs and easily perform of the experiments with single chip integrated circuits.
- One 4 bit BCD To 7 Segment indicator to show decimal digit directly in case of counters.
- 2 mm sockets to make connections via 2mm patch cords.

Picture:



Features

1. Trainer operated on 230V, 50 Hz $\pm 10\%$
2. Supplied with instruction manual

3. Supplied with sufficient nos. of patch cords
4. Supplied with Computer Lead
5. Dimensions of the Trainer will be 12"x10" with Plastic Box Highly shock proof .

Experiments

- Study and verify Truth tables of Logic Gates.
- Verification of Boolean identities & Demorgan's theorems.
- Study and verify truth tables of Digital Adders & Subtractor.
- Study of Flip-Flops and verification of their truth tables.
- Study of Counters, Shift Registers and Verification of their truth tables.
- Study of Encoders, Decoders and Verification of their truth tables.
- Study of Multiplexers, Demultiplexer and verification of their truth tables.
- OP AMP experiments
- 555 experiments with additional components.