38707 Experimental Training Board has been designed specifically for the study of 8-bit Equality Detector using IC – 74688 in solid state version. 8-bit Equality Detector are used to determine whether a binary input is equal to another binary input. As 8-bit Equality Detector are now a days being used quite extensively in electronics, this Training Board has great educational value.

Practical experience on these boards carries great educative value for Science and Engineering Students.

Object:
1. Detecting the Equality of two 8 – bit binary numbers

Features:
The board consists of the following built-in parts:
1. Toggle Switches : 16 nos.
2. LED'S : 1 (for Equality Detection)
3. ICs : 74688
4. Adequate no. of other electronic components.
5. Mains ON/OFF switch, Fuse and Jewel light.
6. The unit is operative on 230V at 50Hz AC Mains.
7. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Technical Specifications of Logic Probe:
1. Operating Voltage   :   5V regulated DC at 150mA , Ripple < 3mV
2. Logic State Indications   :   High Level '1' : 'H' (HIGH), Low Level '0' : 'L'(LOW)
3. Logic Families   :   TTL
4. Frequency   :   Upto 50MHz for TTL

Note: Specifications are subject to change.