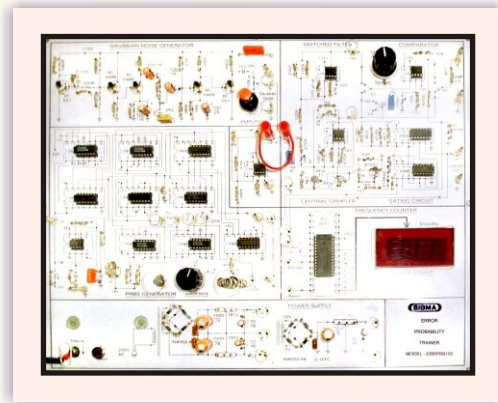




# ERROR PROBABILITY TRAINER

MODEL - ERRPRB100

This trainer has been designed with a view to provide practical & experimental knowledge of Error probability on a single PCB.



## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. Noise Generators :
  1. PRBS White Noise Generator
  2. Analog White Noise Generator.
4. Filters :
  1. Central signal sampling
  2. Matched filter
5. Comparator : Binary comparator.
6. Digital Even counter : 4 digit - 10000
7. Variable Error Rate : Continuous, 102 and 104.
8. All parts are soldered on single PCB with complete circuit diagram Screen-printed.
9. Standard Accessories :
  1. A Instructional Manual
  2. Connecting wires

## EXPERIMENTS

1. To calculate error of probability using PRBS digital data and Gaussian White noise.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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