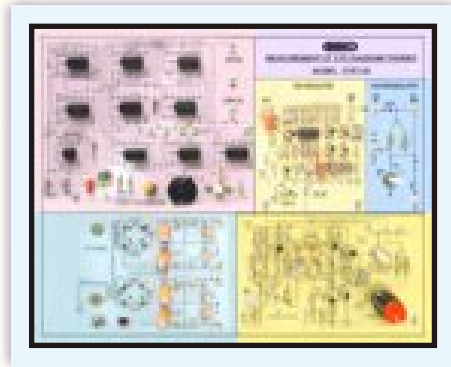




# STUDY OF EYE-DIAGRAM USING OSCILLOSCOPE

MODEL - EYE100

This trainer has been designed with a view to provide practical/experimental knowledge of Study of Eye-diagram using Oscilloscope.



## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. On Board PN sequence Data generator  
Data Length : 16 Bits.  
Bit Clock Frequency : 30 KHz  
Data Format : NRZ.  
Time Frame/Bit Burst : 10000 Bits, 100 Bits and Continues selectable by Switch.
3. Gaussian Noise : 0 to 1V RMS variable amplitude.
4. On Board RF generator  
Frequency : 100KHz to 1MHz  
Amplitude : 0 to 10VPP
5. Sample system for measurement : ASK Modulation demodulation.
6. All parts are soldered on single PCB with complete circuit diagram screen-printed in multicolor.
7. Standard Accessories :
  1. A Training Manual
  2. Connecting Patch cords.

## EXPERIMENTS

1. To study theory of Eye diagram.
2. To measure Eye-diagram using Oscilloscope.

**Sigma Trainers and Kits**  
E-113, Jai Ambe Nagar,  
Near Udgam School,  
Thaltej,  
AHMEDABAD - 380054.  
INDIA.

**Phone(O): +91-79-26852427/ 26850829**  
**Phone(F): +91-79-26767512/ 26767648**  
**Fax : +91-79-26840290/ 26840290**  
**Mobile : +91-9824001168**  
**Email : sales@sigmatrainers.com**  
**: sigmatrainers@sify.com**  
**Web : www.sigmatrainers.com**

**Dealer:-**