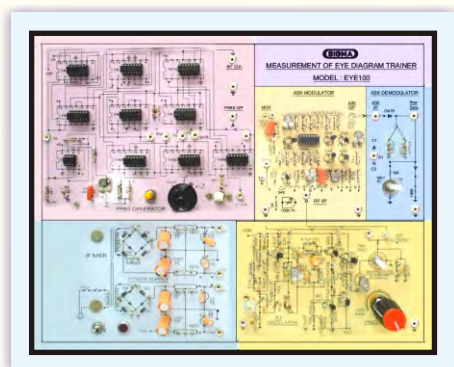




STUDY OF EYE-DIAGRAM USING OSCILLOSCOPE

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.

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