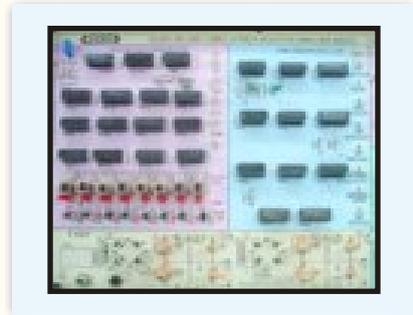




# STUDY OF LINE CODES & THEIR SPECTRAL ANALYSIS

MODEL - COM122L

This trainer has been designed with a view to provide practical and experimental knowledge of the process of coding of digital data into different formats.



## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. On Board Digital Data generator to generate any binary input word of  
Word Length : 8 Bits.  
Word Clock Frequency : 10 KHz
3. Line Coding Formats :
  1. Unipolar NRZ
  2. Unipolar RZ
  3. Bipolar NRZ (AMI)
  4. Polar NRZ
  5. Polar RZ
  6. Bi-phase (Split phase) Manchester
4. All parts are soldered on single PCB complete circuit diagram screen-printed.
5. Standard Accessories :
  1. A Training Manual
  2. Connecting Patch cords.

## EXPERIMENTS

1. To study theory of digital line coding and decoding.
2. To observe spectrum of different line codes on Spectrum Analyzer.

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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Dealer:-