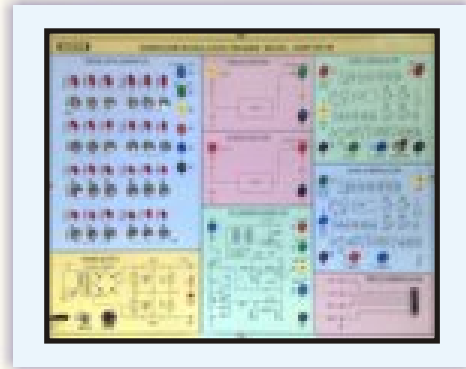




# QAM/DQAM MODULATION TRAINER

MODEL - QAM100F-M

This trainer has been designed with a view to provide practical/experimental knowledge of QAM, DQAM Modulation technique on a SINGLE P.C.B.



## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply : +12V, -12V, +5V
3. On Board Modulating Digital Data signal generator (NRZ) to generate any binary input word  
Word Length : 24 Bits.
4. Carrier Clock Frequency : 250KHz
5. On Board Carrier Sine Waves : 500KHz(0 deg.), 500KHz(90 deg.),  
500KHz(180 deg.), 500KHz(270 deg.)
6. Carrier Modulation : QAM, DQAM
7. Standard Accessories : 1. Experimental and Circuit Description Manual.  
2. Connecting Patch cords. (6 Nos.)

## EXPERIMENTS

1. To study theory of QAM/ DQAM Modulation & Demodulation.
2. To generate QAM signal
3. To generate DQAM signal

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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