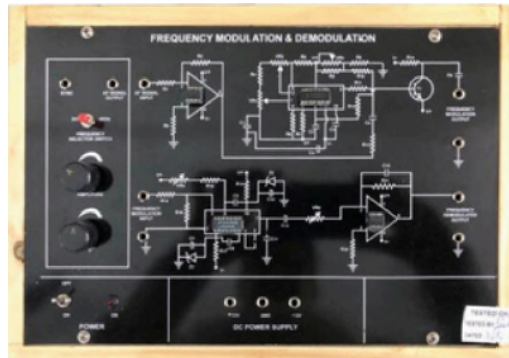


Frequency Modulation & Demodulation

ProductCode: GKE423

Objective:

- Observe Change in the Carrier Frequency According to the Amplitude of the Modulating Signal
- Calculate Modulation Index of the Modulated Signal.
- Recovery of Modulating Signal From Demodulator Circuit.



Technical Specifications:

- In Built IC based DC Regulated Power Supply +12V/ 2 50mA.
- On Board Sine Wave Audio Frequency Signal Generator
- Frequency: 2 KHz & 4KHz Amplitude: 0-2.8 Vpp
- Modulation using VCO 803S (Carrier generator internally 62KHz, 5.5Vpp)
- Demodulation Circuit Using Phase Locked Loop ICLM 565.