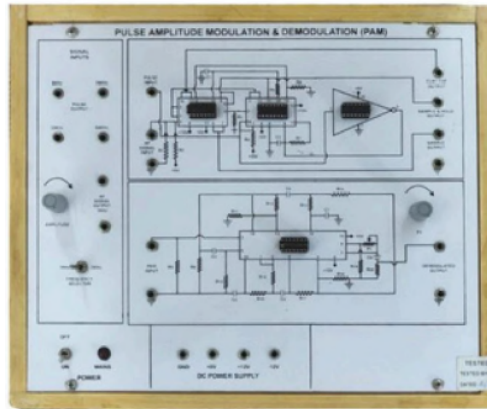


Pulse Amplitude Modulation & Demodulation Trainer

Product Code: GKE425

Objective:

- Observe flat top samples, natural samples, sample & hold at different sampling frequencies.
- Recovery of modulating signal from demodulator circuit.



Technical Specifications:

- In built IC based DC regulated power supply +12V, + 5V/ 300mA.
- On board sine wave audio frequency signal generator
- Frequency: 1 KHz & 2KHz Amplitude: 0-10Vpp&0-4 Vpp
- On board sampling pulse generator
- Frequency:8KHz,16KHz,32KHz,64KHz Amplitude:5Vpp
- Modulation using IC 7555 multivibrator.
- Demodulation of PAM using 4th order / low pass filter & AC amplifier using TL 074 with adjustable gain control.