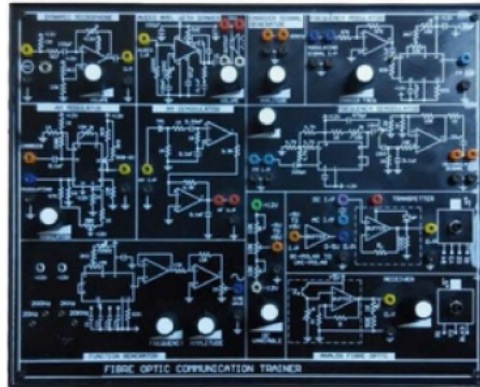


## Fiber Optic Communication Trainer

Product Code:GKE34B



### Technical Specifications:

- Onboard Sine wave generation with variable amplitude 0-5vp-p and frequency 20Hz to 20KHz
- Onboard Variable DC supply from -5V to +5V
- Onboard Carrier Generation with variable amplitude 0-1 OVp-p and frequency 60KHz (Fixed)
- Study of Fiber Optic Communication Trainer through:
  - Analog Fiberoptic
  - Separate blocks for Transmitter & receiver

### Amplitude Modulation & Demodulation:

- Separate blocks for Modulation using IC 1496 & Demodulation using IC T1084
- Onboard potentiometer & Demodulation:
- Frequency Modulation & Demodulation & Demodulation Section:
- Separate blocks for Modulation using IC TLO84 & 8038 and Demodulation using ICLM565&T1084
- Dynamic Microphone & Audio Amplifier with Speaker Section:
- Separate blocks for dynamic microphone & Audio Amplifier with loud speaker
- Separate potentiometer provided for controlling the intensity of sound level in both section

### General Specifications:

- On-board inbuilt 2mm socket for observing the signal and waveform at different stages
- Onboard LED for Power indication