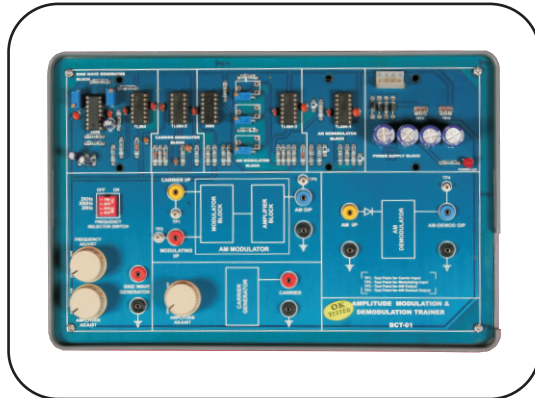


BCT - 01

AMPLITUDE MODULATION & DEMODULATION KIT

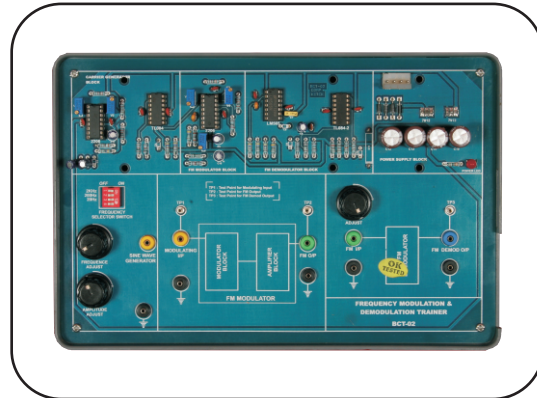


Features

- **Sine Wave Generator**
 - Provides Sine waveform output using IC 2206.
 - Frequency variable from 20 Hz.-20 KHz. in three steps.
 - Frequency and Amplitude adjustments possible.
- **Carrier Generator**
 - Carrier generation using IC TI084
 - Provides Carrier waveform output of 40 KHz and Max. 2V p-p.
 - Amplitude adjustments of carrier waveform possible
- **On-board Block features**
 - AM-modulator circuit using IC 3086.
 - AM-Demodulator using Diode detector method
 - Amplifier circuit using IC TI084
 - Block Description Screen printed on glassy epoxy PCB
- **Interconnections**
 - All interconnections are made using 2mm banana Patch cords.
- Test points are provided to analyze signals at various points.
- All ICS are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- In-Built Power Supply of $\pm 12V/350mA$ with Power ON indication
- Attractive Housed in ABS Plastic enclosures.
- Set of 2mm Patch cords for interconnections
- User's Manual with sample experimental programs

BCT - 02

FREQUENCY MODULATION & DEMODULATION KIT



Features

- **Sine Wave Generator**
 - Sine waveform output using IC 2206.
 - Frequency variable from 20 Hz.-20 KHz. in three steps.
 - Frequency and Amplitude adjustments
- **Carrier Generator**
 - Carrier waveform output of 50 KHz and Max. 5V p-p.
 - Amplitude adjustments of carrier waveform possible
- **On-board Block features**
 - FM-modulator circuit using IC 2206.
 - FM -Demodulator using PLL method by using IC 565.
 - Amplifier circuit using IC TI084.
 - Block Description Screen printed on glassy epoxy PCB.
- **Interconnections**
 - All interconnections are made using 2mm banana Patch cords.
- Test points are provided to analyze signals at various points.
- All ICs are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- In-Built Power Supply of $\pm 12V/350mA$ with Power ON indication
- Attractive Housed in ABS Plastic enclosures.
- Set of 2mm Patch cords for interconnections
- User's Manual with sample experimental programs

Note : Specifications can be altered without notice in our constant efforts for improvement.