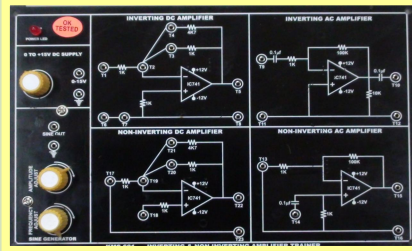
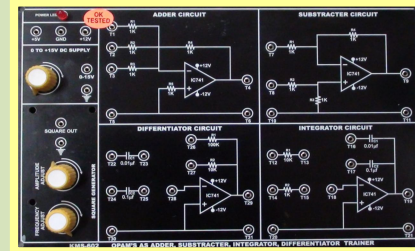


### KMS-601 INVERTING & NON – INVERTING AMPLIFIER TRAINER



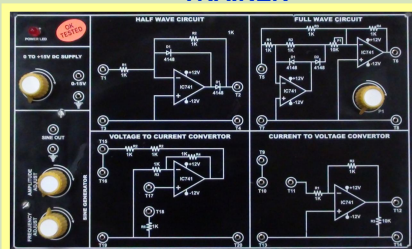
- OUTPUT Waveform - Sine
- Frequency and Amplitude Adjustment is provided using Potentiometers
- One LED indicator to indicate Power Input.
- On-board Circuits
  - Inverting DC Amplifier.
  - Inverting AC Amplifier.
  - Non - Inverting DC Amplifier.
  - Non - Inverting AC Amplifier.
- Variable DC power supply : 0 to  $\pm 15$  V/150mA
- Supply connections to OP Amp ( $\pm 12$  V) Internally Provided to the circuit
- All interconnections are made using 2mm banana Patch cords.
- All ICS are mounted on IC Sockets.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections

### KMS-602 ADDER, SUBTRACTOR, INTEGRATOR, DIFFERENTIATOR TRAINER



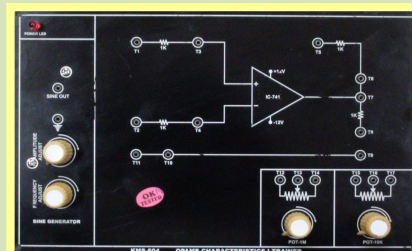
- OUTPUT Waveform - Square
- Frequency and Amplitude Adjustment is provided using Potentiometers
- One LED indicator to indicate Power Input.
- On-board Circuits
  - Adder.
  - Subtractor
  - Integrator
  - Differentiator.
- Fixed DC power supply : + 12 V/ 200mA
- Fixed DC power supply : + 5 V/ 200mA
- Variable DC power supply : 0 to 15 V/150mA
- Supply connections to OP Amp ( $\pm 12$  V) Internally Provided to the circuit
- All interconnections are made using 2mm banana Patch cords.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections

### KMS-603 OP-AMPS AS RECTIFIER & CONVERTOR TRAINER



- OUTPUT Waveform - Sine
- Frequency and Amplitude Adjustment is provided using Potentiometers
- One Potentiometer is P1.
- One LED indicator to indicate Power input.
- On-board Circuits
  - Half Wave Circuit.
  - Full Wave Circuit.
  - Voltage to Current Converter.
  - Current to Voltage Converter.
- Variable DC power supply : 0 to +15 V
- Supply connections to OP Amp ( $\pm 12$  V) Internally Provided to the circuit
- All interconnections are made using 2mm banana Patch cords.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections

### KMS-604 OPAMP CHARACTERISTICS – I



- OUTPUT Waveform - Sine
- Frequency and Amplitude Adjustment is provided using Potentiometers
- Two Potentiometers of 10K $\Omega$  & 1M  $\Omega$
- One LED indicator to indicate Power input.
- Fixed DC power supply :  $\pm 12$  V/ 500mA
- Supply connections to OP Amp Internally Provided to the circuit
- All interconnections are made using 2mm banana Patch cords.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections