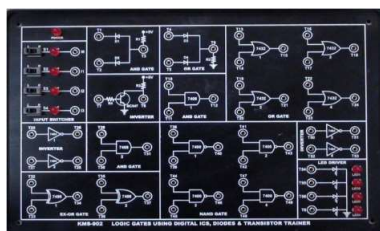


## KMS-902

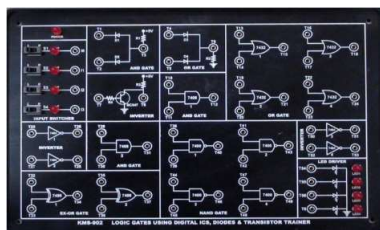
## LOGIC GATES USING DIGITAL ICS, DIODES AND TRANSISTOR TRAINER



- One LED indicator to indicate Power input.
- Four Input Switches to facilitate change of state from High to Low and Vice-versa, status indicated through LEDs provided.
- LED Driver consist of Four LEDs to indicate output status.
- On-board Circuits
  - ~ AND Gate (using IC7408 and Diode)
  - ~ NAND Gate using IC7400
  - ~ NOT Gate (Using IC7404 and Transistor)
  - ~ OR Gate (Using IC7432 and Diode)
  - ~ EX-OR Gate Using IC7486
- Fixed Supply of +5V is internally provided.
- All interconnections are made using 2mm banana Patch cords.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections.
- Attractive ABS Plastic enclosure.
- User Manual.

## KMS-902T

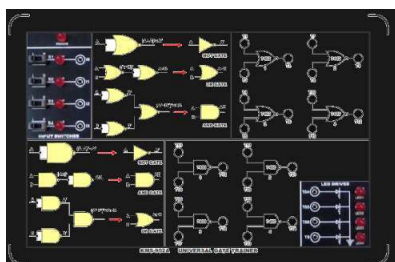
## TTL AND CMOS TRAINER



- One LED indicator to indicate Power input.
- Four Input Switches to facilitate change of state from High to Low and Vice-versa, status indicated through LEDs provided.
- LED Driver consist of Four LEDs to indicate output status.
- On-board Circuits
  - ~ AND Gate
  - ~ NAND Gate
  - ~ NOT Gate
  - ~ OR Gate
  - ~ EX-OR Gate
- TTL/CMOS Switch to select 5V and 15V.
- All interconnections are made using 2mm banana Patch cords.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections.
- Attractive ABS Plastic enclosure.
- User Manual.

## KMS-902A

## UNIVERSAL GATE TRAINER

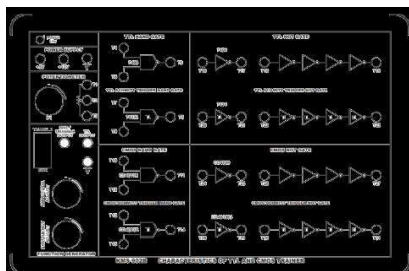


- One LED indicator to indicate Power input.
- Four Input Switches to facilitate change of state from High to Low and Vice-versa, status indicated through LEDs provided.
- LED Driver consist of Four LEDs to indicate output status.
- On-board Circuits
  - ~ NAND Gate as universal gate
  - ~ NOR Gate as universal gate
- Fixed Supply of +5V is internally provided.
- All interconnections are made using 2mm banana Patch cords.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections.
- Attractive ABS Plastic enclosure.



## KMS-902B

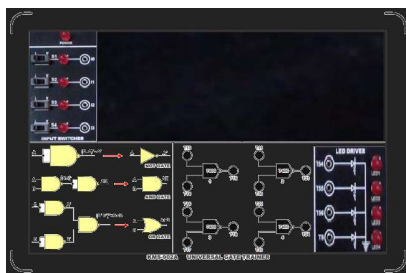
## CHARACTERISTICS OF TTL AND CMOS TRAINER



- One LED indicator to indicate Power input.
- **Function Generator**
  - ~ Waveform: Sine, Square (TTL) & Triangular
  - ~ Frequency and Amplitude Adjustment is provided using Potentiometers.
  - ~ Fixed Amplitude of 5V for TTL wave form.
  - ~ One Selector switch is provided to select SINE/TRIANGLE.
- One Potentiometer P1 is provided.
- Fixed DC Power Supply: +5V, +12V, GND.
- On-board Circuits
  - ~ TTL NAND Gate using IC7408
  - ~ TTL Schmitt Trigger NAND Gate using IC74132
  - ~ TTL NOT Gate using IC7404
  - ~ TTL Schmitt Trigger NOT Gate using IC7414
  - ~ CMOS NAND Gate using IC4011
  - ~ CMOS Schmitt Trigger NAND Gate using IC4093
  - ~ CMOS NOT Gate using IC4069
  - ~ CMOS Schmitt Trigger NOT Gate using IC401063
- All interconnections are made using 2mm banana Patch cords.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections.
- Attractive ABS Plastic enclosure.
- User Manual.

## KMS-902AD

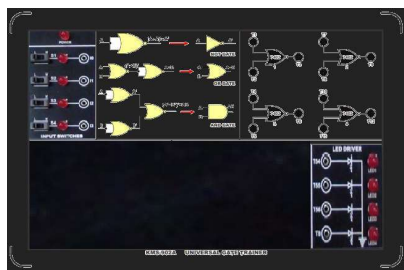
## NAND GATE AS UNIVERSAL GATE TRAINER



- One LED indicator to indicate Power input.
- Four Input Switches to facilitate change of state from High to Low and Vice-versa, status indicted through LEDs provided.
- LED Driver consist of Four LEDs to indicate output status.
- On-board Circuit
  - ~ NAND Gate as universal gate
- Fixed Supply of +5V is internally provided.
- All interconnections are made using 2mm banana Patch cords.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections.
- Attractive ABS Plastic enclosure.
- User Manual.

## KMS-902AR

## NOR GATE AS UNIVERSAL GATE TRAINER



- One LED indicator to indicate Power input.
- Four Input Switches to facilitate change of state from High to Low and Vice-versa, status indicted through LEDs provided.
- LED Driver consist of Four LEDs to indicate output status.
- On-board Circuit
  - ~ NOR Gate as universal gate
- Fixed Supply of +5V is internally provided.
- All interconnections are made using 2mm banana Patch cords.
- Bare board Tested Glass Epoxy PCB is used.
- Set of 2mm Patch cords for interconnections.
- Attractive ABS Plastic enclosure.
- User Manual.

*Note: Photos are only indicative and are subject to change with specifications. Specifications and Photos can be altered without prior notice in our constant efforts for improvement.*

