

# DATA MODEM TRAINER

## Technical Specification

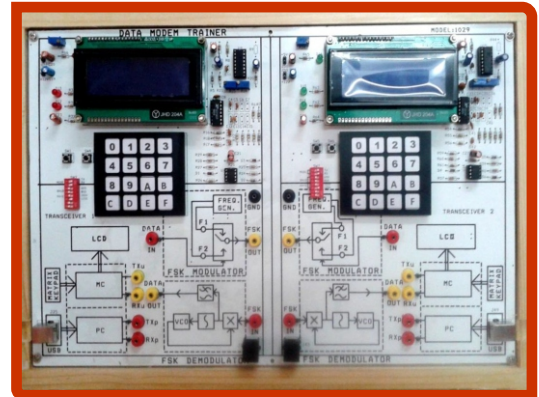
- Advanced AVR Micro controllers for transceiver communication .
- Matrix 4x4 keypad -2no. using for on board data input.
- Character Lcd 20x4 to display input /output data.
- USB Connectors for PC to PC communication.
- Data transmission and receiving on different baud rates using switch selection.
- Power input requirement 12v/2 amp.
- FSK modulation /demodulation facility.

## Key Features

- Communication Based on Micro controller.
- Adjustable Baud Rate: 300BPS/1200BPS.
- Key Board: Matrix type.
- Serial communication software for PC to PC communication.
- Modulation built in FSK modulation and Demodulation.
- Work in transmitter and receiver mode.
- Data sending and receiving between pc to pc , pc to micro controller.
- Data sending and receiving facility using keypad to

## Experiments

- To study the operation of the data modem trainer in unidirectional communication mode
- To study the operation of the data modem trainer in bidirectional communication mode
- To study the use of modem for PC to PC communication
- To study the use of modem for communication between modem and PC



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