LAB ENGINEERING

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Product Name : Digital Work Station	**Product Code :** DEL0002

Description :

Digital Work Station

Technical Specification :

Digital Work Station is very useful in digital laboratories for performing digital circuit experiments in colleges and universities. It is also useful in testing circuits and making projects related to digital electronics. This Platform has various functional blocks like DC supply, pulse generator ,pulser switch, data switch for input, logic probe ,8 bit LED display for output and frequency division unit. Scientech 2611DS has a graphical LCD which shows the list of experiments and gate level diagrams of selected experiments. Bread board to perform additional experiments by using on board supply and other controls is also provided.

Product Features

- Self contained & easy to operate.
- Graphical LCD to show the menu of experiment and gate level diagram for selected experiment.
- More than 51 Digital electronics experiments on single board
- Solder less breadboard.
- Solderless breadboard.
- On Board DC Power Supply.
- On board Pulse Generator.
- Online Product Tutorial

Scope of Learning

wide scope of experimentation in digital circuit experiments such as:

Study of operation of Not gate, OR gate and AND gate
- Study of operation of Universal gate
- Study of operation of NAND Gate
- Study of operation of XOR and XNOR gate
- Study of operation of NOT Gate Using NAND Gate
- Study of operation of OR Gate Using NAND Gate
- Study of operation of AND Gate Using NAND Gate
- Study of operation of AND-OR Gate
- Study of operation of AND-NOR Gate
- Study of operation of NAND-OR Gate
- Study of operation of NAND-NOR Gate
- Study of operation of NAND-NAND Gate
- Study of operation of NOR-NOR Gate
- Study of operation of Half Adder
- Study of operation of Full Adder
- Study of operation of Half Subtractor
- Study of operation of Full Subtractor
- Study of operation of 4-1 MUX
- Study of operation of 1-4 DMUX
- Study of operation of 4-2 Encoder