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| <b>Product Name :</b><br>Analog-Digital Bread Board Trainer   | <b>Product Code :</b><br>NLAB-EDUSCHOOLEQ197003 |
| <b>Description :</b><br>Analog-Digital Bread Board Trainer  |   |
| <b>Technical Specification :</b><br>SCOPE OF LEARNING:<br><br>Study and Construction of Various Analog and Digital Electronics Lab Experiment<br><br>TECHNICAL SPECIFICATIONS:<br><br>Power Supplies:<br><br>DC Power Supply IC Regulated $\pm 5V$ , $\pm 12V$ @ 500mA.<br><br>DC Power Supply IC Regulated 0 to 30V @ 250mA (3Nos.)<br><br>AC Power Supply 9-0-0 VAC, 12-0-12VAC<br><br>Operated On Mains Power 230v, 50hz +10%<br><br>Digital Meters:<br><br>Voltmeter 20VDC.<br><br>Ammeter 200mA DC.<br><br>Solder-less, breadboard (Easy to Remove):<br><br>Interconnected with tie points Nickel plated contact, fitted with all DIP sizes and all components with lead and solid wire. It can be changed and replaced for different purposes and can be connected with demonstration panel.<br><br>Logic Inputs & Outputs 16 Bit<br><br>Trainer Contains 4 Bit BCD To 7 Segment Indicators With Inputs A, B, C, D Inputs 2Nos. |   |

Logic Low Frequency Mono Pulsar With Rising And Falling Edge.

Frequency Generator 1Hz to 100 KHz (Variable Frequency and Amplitude)

2 Variable Resistors are given on Board.

One Low Frequency Speaker.

Buzzer as Continuity Tester.

2 BNC to Socket Adapter on Board.

#### SALIENT FEATURES:

Front Panel Built With High Class Insulated Printed Circuit Board Sheet With Well Printed Circuits And Symbols.

Fuse For Short Circuit Protection

Instruction Manual.

Connections are brought out through 2mm Brass Sockets.

Patch Cords 2mm with Bread Board Pin (25Nos).

The trainer is housed in ABS Plastic cabinet.

Size of the trainer set 12"x10"

## Naugralabequipments

**Website:** www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003