

Product Name :
Digital Lab Trainer (DLT)

Product Code :
NLAB-EDUSCHOOLEQ197015

Description :

Digital
Lab Trainer (DLT)

Technical Specification :

SCOPE OF LEARNING:

Study and Construction of Various Digital Electronics Lab Experiment

TECHNICAL SPECIFICATIONS:

Power Supplies:

Operated on Mains power 230V, 50Hz +10%

DC Power Supplies IC Regulated 3V-15V, 500mA

DC Power Supplies IC Regulated 3V-30V, 500mA

DC Power Supplies Fixed +5V, 1A

DC Power Supplies Fixed -5V,500mA

Function Generator:

0-100KHz Pulse Generator (TTL/CMOS)

Components are mounted on the panels are:

Logic Inputs & Outputs 12 Bit

Buzzer as Continuity Tester

Logic Probe Inbuilt.

7 Bit 2mm to 4mm Conversion Sockets.

Low Frequency Clock Generator 1Hz-10Hz.

Logic Low Frequency Mono Pulsar.

2 Bit BCD To 7 Segment Indicators With Inputs A, B, C, D Inputs.

Breadboards: Unique solder - less large size, spring loaded breadboard consisting of one Terminal Strips with 640 tie points each and 2 Distribution Strips with 100 tie points each, totaling to 840 tie points. (Size: 55mm X 170mm approx).

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 Pins.

Patch Cords 2mm.

The trainer is housed in ABS Plastic cabinet.

Size of the trainer set 12"x10"

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