

**Product Name :**  
DSO Demonstration Trainer

**Product Code :**  
NLAB-ELECTRONICSAB210013



**Description :**

DSO Demonstration Trainer

**Technical Specification :**

An ideal trainer for studying the applications of a Digital Storage Oscilloscope.

The applications demonstrated forms part of the electronics lab.

All experiments are housed in a single attractive box which is self contained, ready to use having built- in DC power supplies.

Single shot : Switching transient of a push to on switch is demonstrated

Slow Motion: Charging and discharging of an electrolytic capacitor

Medical : ECG Simulated wave with pulse rate adjustment

Low repetition rate : Sine wave generator of low frequency

Mechanical : Relay bouncing and turn ON time

Audio : MIC Testing with variable gain audio amplifier

#### Application I

Single shot : Switching transient of a push to on switch is demonstrated.

#### Application II

Slow Motion : Charging and discharging of an electrolytic capacitor.

#### Application III

Medical : ECG Simulated wave with pulse rate adjustment

#### Application IV

Low repetition rate: Sine wave generator of low frequency.

#### Application V

Mechanical : Relay bouncing and turn ON time.

#### Application VI

Audio : MIC Testing with variable gain audio amplifier.

Power Supply : 230 V  $\pm 10$  %, 50 Hz / 60 Hz on request

Power Consumption : 2 VA (approx.)

Included accessories : 2mm Patch Cord 1 No. Micro phone , Manual and Mains Cord

The manual describes 10 experiments that can be performed with this trainer and Digital

Storage Oscilloscope.

## Naugralabequipments

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