

(Basic training)

## **Introduction:**

Portable Electrical/Electronic Components Demo Bench is a complete kit with Test Bench, Test Fixtures, Connecting Cables & DC Power Supply Unit. It is useful to demonstrate the basics of Electrical & Electronics components like Fuse, Switch, Relay, Resistor, Diode etc. It is foldable, simple and easy to carry. It is especially suitable for training of new comers.

## **Test Bench:**

- Foldable Type with 2 adjustable angles
- Red socket for +V supply
- Black sockets for -V supply
- Isolated Yellow sockets (4 rows) for Test fixtures
- In-built fuse to protect total demo bench

## **Test Fixtures:**

- Switch – ON/OFF (1 unit)  
Push to ON (1 unit)
- Blade Fuse – 5A (1 unit)
- Bulb – 12V (2 unit)
- LED – Red (1 unit)
- Resistor – 100 $\Omega$ /5W (2 unit )  
1k $\Omega$ /2W (2 unit)
- LDR – 10k $\Omega$  (1 unit)
- Thermistor – NTC 10k $\Omega$  (1 unit)
- Capacitor – 470 $\mu$ F/25V (1 unit)
- Diode – 1A/1000V (1 unit)
- Zener Diode –6.2V/1W (1 unit)
- Buzzer – 12V (1 unit)
- Relay with Diode – 4-point (1 unit)

## **Connecting Cables:**

- Red, 200mm long – 2 pcs
- Black, 200mm long – 2 pcs
- Yellow, 200mm long – 4 pcs
- Red, 500mm long – 1 pcs
- Black, 500mm long – 1 pcs

## **12VDC Power Supply Unit:**

- Auxiliary supply input: 230VAC, 50 Hz
- Output: 12VDC @ 2A
- SMPS based design
- Short-circuit / Overload protection

## **Spares:**

- Glass Fuse, 3A – 2 pcs
- Blade Fuse, 5A – 2 pcs
- Bulb, 12V – 2 pcs