

(Basic training)

Introduction:

Electrical / Electronic Components Learning kit 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 sockets row connected internally for +Ve supply
- Black sockets row connected internally for -Ve supply
- Isolated yellow sockets (7 rows) for Test fixtures
- In-built fuse at first Red socket to protect total demo bench
- In-built fuse at last Red socket to protect particular circuit on demo bench

Test Fixtures - A:

- Switch – ON/OFF (1 unit)
Push to ON (1 unit)
- Blade Fuse – 5A (1 unit)
- Maxi Fuse – 60A (1 unit)
- Bulb – 12V (4 unit)
- LED – Red (1 unit)
Green (1 unit)
- LDR – 10k Ω (1 unit)
- Relay with Diode – 4-point (1 unit)
- Flashing Relay – 5-point (1 unit)

Test Fixtures -B:

- Resistor – 50 Ω /5W (2 unit each)
100 Ω /5W (2 units each)
1k Ω /2W (2 units each)
- Variable Resistor / Potentiometer – 500 Ω /1W (1 unit)
1k Ω /1W (1 unit)
- Capacitor – 0.1 μ F(104)/50V (1 unit)
470 μ F/25V (1 unit)
- Diode – 1A/1000V (1 unit)
6A/400V (1 unit)
- Zener Diode –6.2V/1W (1 unit)
9.1V/1W (1 unit)
- Thermistor – NTC 10k Ω (1 unit)
PTC 330 Ω (1 unit)
- Buzzer – 12V (2 unit)

Connecting Cables:

- Red, 430mm long – 4 pcs
- Black, 430mm long – 4 pcs
- Yellow, 430mm long – 10 pcs
- Red, 1000mm long – 1 pcs
- Black, 1000mm long – 1 pcs

(Basic training)

12VDC Power Supply Unit:

- Auxiliary supply input: 90-270VAC, 50Hz
- Output: 12VDC @ 2A
- SMPS based design
- Short-circuit / Overload protection

Spares:

- Glass Fuse, 1A – 2 pcs
- Glass Fuse, 3A – 2 pcs
- Blade Fuse, 5A – 2 pcs
- Bulb, 12V – 2 pcs
- Diode, 1A – 2 pcs
- Diode, 6A – 2 pcs
- Zener Diode 6.2V – 2 pcs
- Zener Diode 9.1V – 2 pcs

(Basic training)

Photo Gallery:

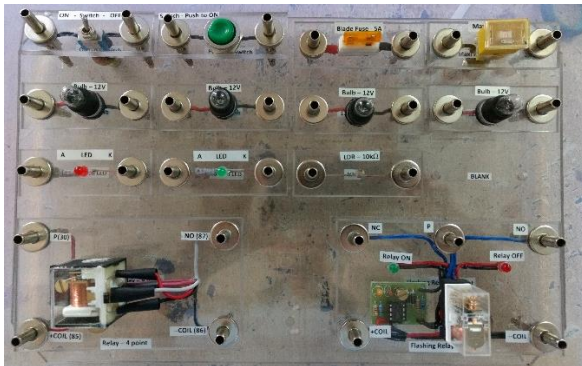
Demo Bench



Demo Bench



Test Fixture-A



Test Fixture-B



Connecting Cables



DC Power Supply Unit



(Basic training)

