

**Product Name :**  
Electricity Lab

**Product Code :**  
EEN0044



**Description :**

Electricity Lab

**Technical Specification :**

Electricity Lab

- 1. Meters: 5 Nos.
- 1. AC Voltmeter : 15V
- 2. DC Voltmeter : 15V
- 3. Galvanometer :  $\pm 250\mu\text{A}$
- .4. DC Ampere Meter : 0.6Amp

- 5. DC Ampere Meter : 5A
- 02. Power Supply:
- 1. Power Supplies : 3, 6, 12Vat 3.5A
- 2. Power SupplyAC : 30Vat1A
- 3. Power SupplyDC : 5Vat100mA
- 03. Switch SPDT
- 4. Switch DPDT
- 5. Push switch
- 6. Logic Switches Two No. Push type
- 7. Relay 12VDCOne change over
- 8. Buzzer/Electric Bell
- 9. Transformer Input 6-0-6V and Output 6-0-6V
- 10. Bulb6VThree Nos.
- 11. Resistance 1E2/1W, 5E/5W, 50E/5W,100E/5W, 220E/2W, 470E/2W, 1K/1W, 100K/1W
- 12. Capacitance 1000MFD/25VTwo Nos.
- 13. Diode IN4007Two Nos.
- 14. LED5mm
- 15. Thermocouple
- 16. Potentiometer 10K
- 17. Breadboard 840Tie Points
- 18. Fuse Holder open type
- 19. Electromagnetic Induction&Transformer
- 20. Main Supply 230VAC, 50 Hz

**Accessories:**

- 1. Beaker 100ml – 1 No.
- 2. Patch Cords/ Connecting Leads – 12No s.

- 3. Rods/ Strips for – 1 No. each Copper, Tin, Al, Zinc,
- Glass Brass, Carbon, Iron, Acrylic,
- Lead, Stainless Steel
- 4. Magnets – 3Nos.( Bar Type-2, Horseshoe (U) type-1)
- 5. Coils – 1 No. 100 and 200 Turns
- 6. Crocodile Clips – 1 No. red and black
- 7. Battery/ Cell with holder – 2 Nos. 1.5 V
- 8. Glass Fuses – 10 Nos. 0.5A
- 9. Compass – 1 No.
- 10. Measuring Scale – 1No.
- 11. Insulated Disc – 1 No.
- 12. Motor Assembly – 1 No. including Armature,Rotor, Brush, Motor Support,
- Iron Fillings
- 13. Helix Assembly – 1 No.
- 14. Meter Demonstration – 1 No.
- 15. Core – 1 Set of U&I with Bolt
- 16. Aluminium Ring – 1 No.
- 17. Stand – 1 No. for motor action demonstration
- 18. IC – AND (IC7408), OR (IC7432), NOT (7404) And EX-OR Gate (IC7486)
- 19. Multimeter – 1 No.
- 20. Soft Iron Piece – 1No

## Electrical and Electronics

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