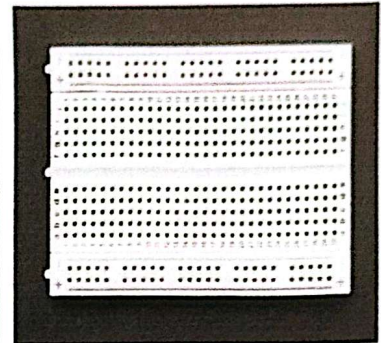
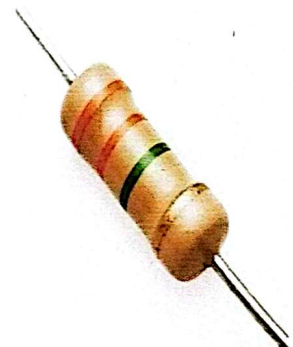


1. Bread board: A bread board is a reusable tool used to build and test electronic ~~circuit~~ circuits without soldering. It has many small holes for inserting components. It's great for experimenting and learning electronics.



Bread board

2. Resistor: A resistor is an electronic component that reduces or limits the flow of electric current in a circuit. It protects other parts by controlling voltage and current levels.



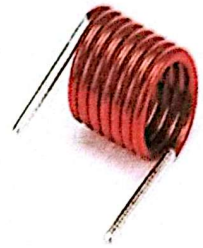
Resistor

3. Capacitor: A capacitor stores electrical energy and releases it when needed. It is used for filtering, timing, and stabilization voltage. in different shapes and sizes.



Capacitor

4. Inductor: An inductor is a coil of wire that stores energy in a magnetic field when current flows through it. It resists changes in current and is used in filters, transformers, and tuning circuits.



Inductor

5. DC power Supply: A DC power supply provides a constant direct current (DC) voltage to power electronic devices. It converts AC from the wall outlet into stable DC voltage for circuits.



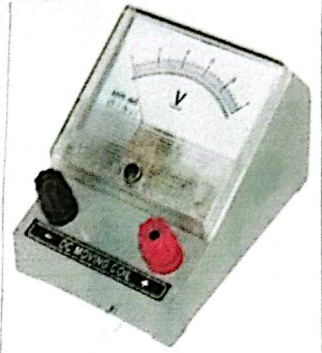
DC Power Supply

6. Ammeter: An ammeter is a measuring instrument used to measure the amount of electric current in a circuit. It is connected in series with the load to measure current in amperes.



Ammeter

7. Voltmeter: A Voltmeter is used to measure the voltage (electrical potential difference) between ~~to~~ two points in a circuit. It is connected in parallel with the component being measured.



Voltmeter

8. Multimeter: A multimeter is a versatile device that can measure voltage, current, and resistance. It combines the functions of a voltmeter, ammeter, and ohmmeter. It's essential for testing electronic circuits.



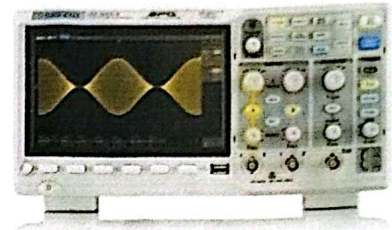
Multimeter

9. Function generator: A function generator produces different types of electrical waveforms like sine, square, and triangle waves. It's used to test the response of circuits to various input signals.



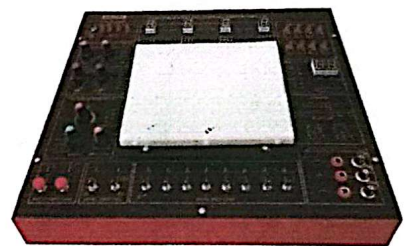
Function generator

10. Oscilloscope: An oscilloscope is used to visualize electrical signals on a screen. It displays low voltage changes over time, helping in analyzing waveforms, timing and signals issues.



Oscilloscope

11. Trainer board: A trainer board is a learning platform used in ~~ele~~ electronics education. It contains built-in circuits and components, allowing students to perform experiments and learn circuits design safely.



Trainer board

══════════ The End ══════════