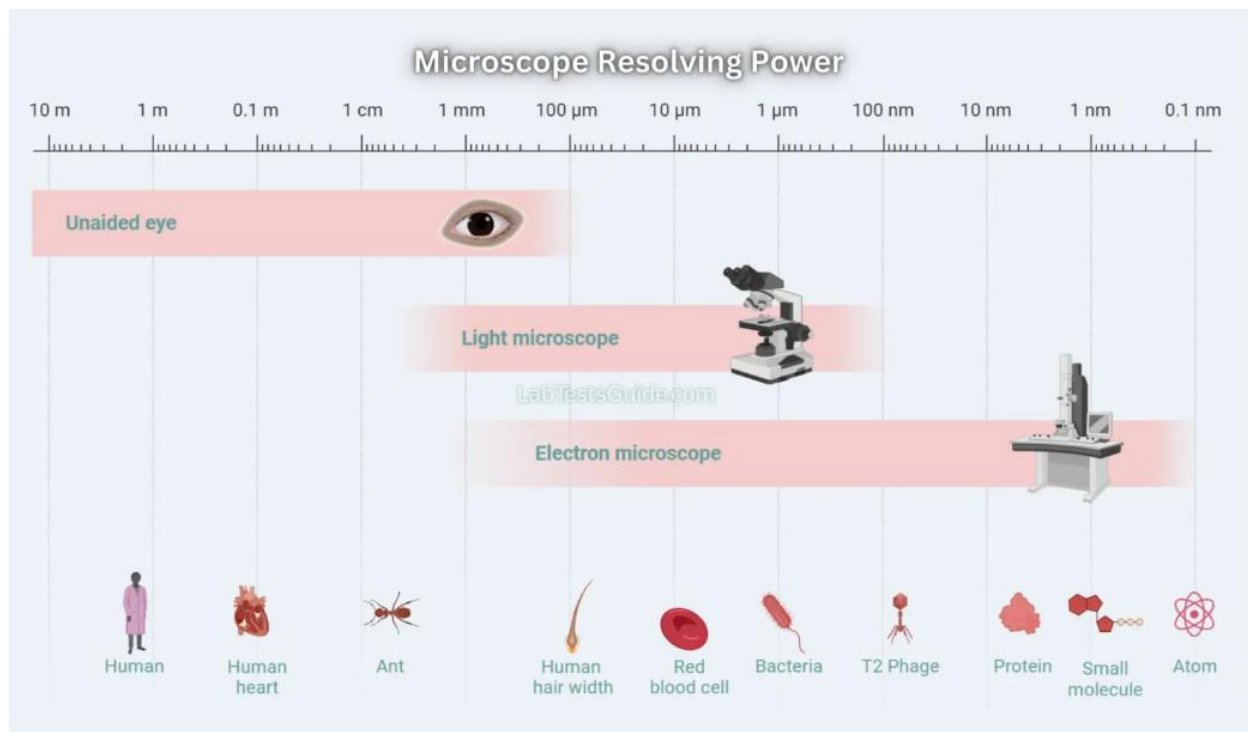
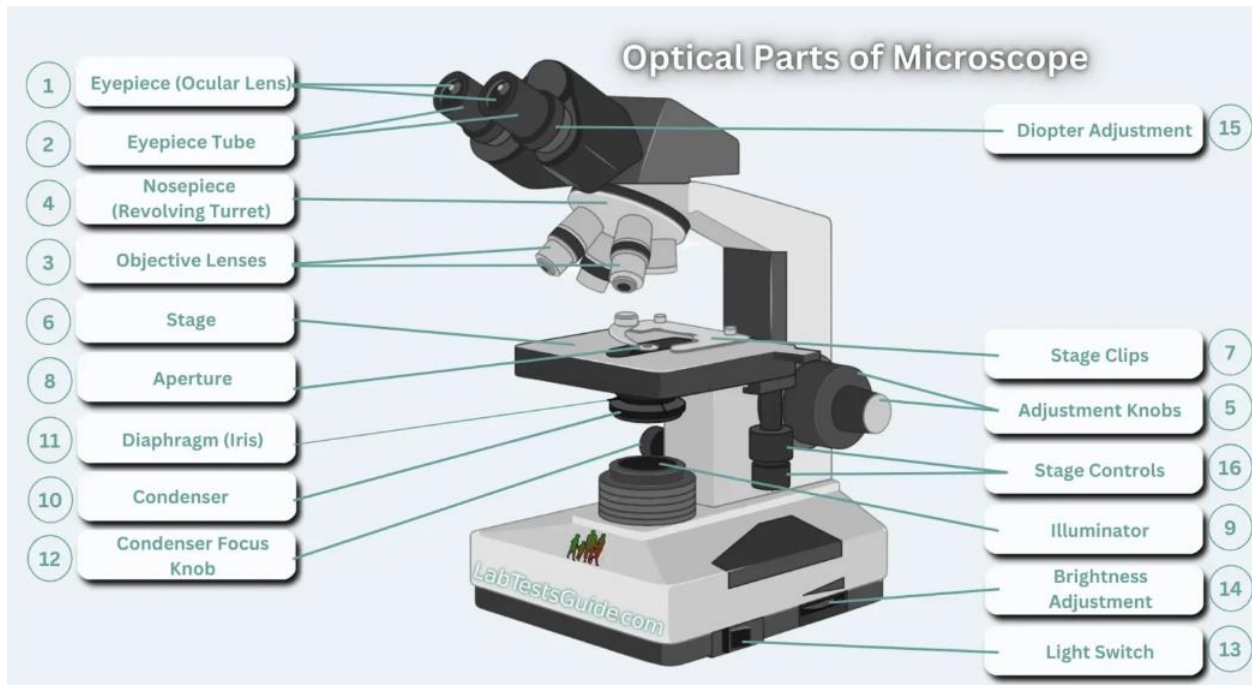


Biology laboratory equipment

1. Microscope

- **Description:** Used to magnify small objects or organisms to be visible to the human eye. Includes **light microscopes** and **electron microscopes**.



2. Petri Dishes

- **Description:** Shallow circular glass or plastic dishes used to culture cells, bacteria, or fungi.



3. Test Tubes

- **Description:** Cylindrical glass containers used to hold, mix, or heat small quantities of liquid samples.



4. Pipettes

- **Description:** Instruments used to transfer small volumes of liquids accurately.



5. Centrifuge

- **Description:** A machine that spins samples at high speeds to separate components based on density.



6. Beakers

- **Description:** Cylindrical glass containers used for mixing, stirring, and heating liquids.



7. Graduated Cylinders

- **Description:** Tall cylindrical containers used to measure the volume of liquids accurately.



8. Bunsen Burner

- **Description:** A small gas burner used for heating chemicals.



9. Glass Slides and Cover Slips

- **Description:** Thin glass pieces used to hold specimens for microscopic examination.



10. Autoclave

- **Description:** A device used to sterilize equipment and media using high-pressure steam.



11. Incubator

- **Description:** A device used to grow and maintain microbiological or cell cultures by maintaining optimal temperature, humidity, and atmospheric conditions.



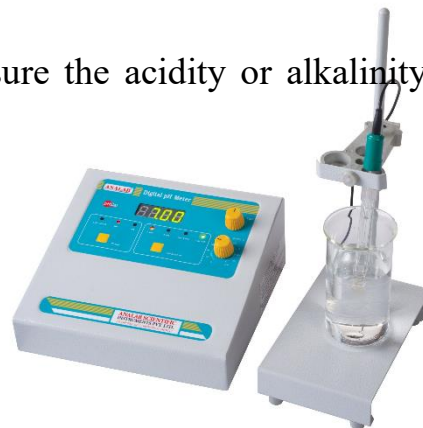
12. Spectrophotometer

- **Description:** Used to measure the absorbance or transmittance of light by a sample.



13. pH Meter

- **Description:** A device used to measure the acidity or alkalinity (pH) of a solution.



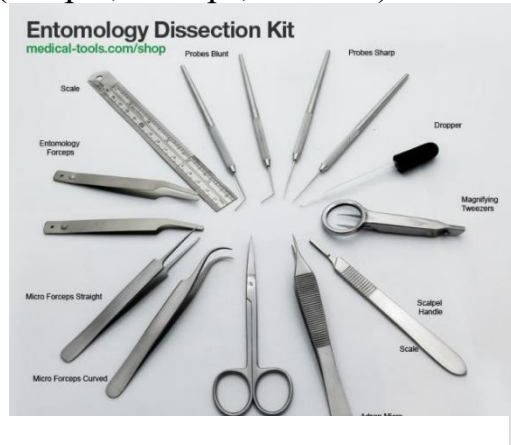
14. Water Bath

- **Description:** Used to heat samples at a constant temperature for long periods.



15. Dissecting Kit

- **Description:** A set of instruments (scalpel, forceps, scissors) used to dissect biological specimens.



16. Hot Plate

- **Description:** Used to heat samples in beakers or flasks.



17. Stirring Rod

- **Description:** A glass or plastic rod used to mix chemicals and liquids.



18. Thermometer

- **Description:** Measures the temperature of samples or the lab environment.



19. Microtome

- **Description:** A tool used to slice thin sections of specimens for microscopy.

