

# Laboratory Equipment's

By

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## Laboratory equipment's

A devices or tools used inside laboratory for conducting scientific research or for teaching science.

### Examples

- Water bath
- Balance (Analytical balance )
- Incubator
- Ph meter
- Centrifuge
- Autoclave

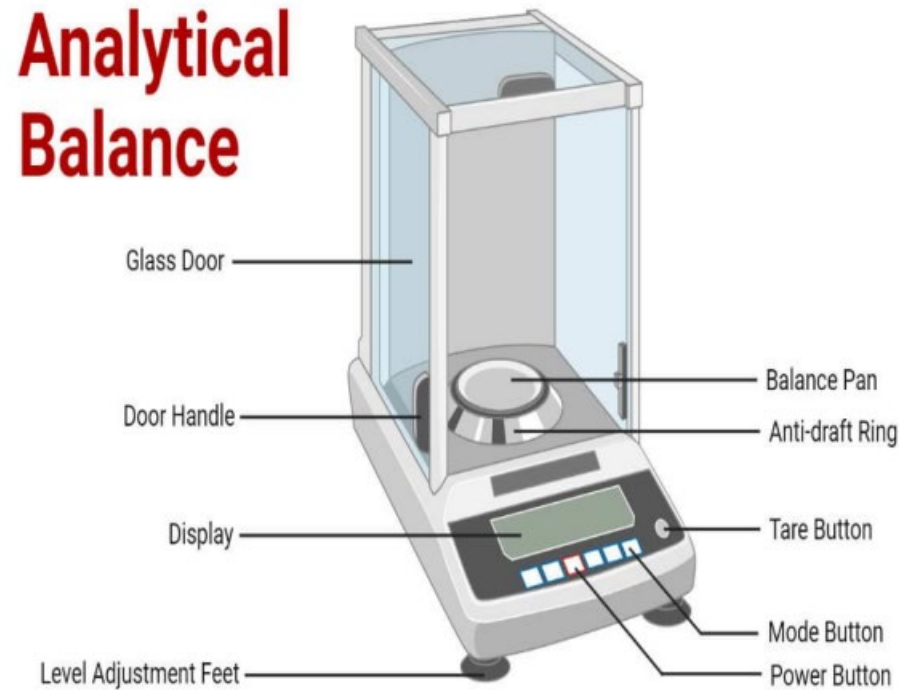
## 1. Water bath :

A water bath is a device that maintains water at a constant temperature. It is used in the microbiological laboratory for incubations.



## 1. Analytical balance :

An analytical balance is a class of balance designed to measure small mass in the milligram range.



## 1. Incubator :

In biology, an incubator is a device used to grow and maintain cultures. The incubator maintains optimal temperature, humidity and other conditions such as the carbon dioxide (CO<sub>2</sub>) –and oxygen content of the atmosphere inside.



## 1. Ph meter :

A **pH meter** is an electronic device used for measuring the pH which is either the concentration of Hydrogen ions in an aqueous solution or the activity of the Hydrogen ions in an aqueous solution.



## 1. Centrifuge :

A centrifuge is a laboratory device for separating components of different densities contained in a liquid. The centrifuge spins liquid samples at high speeds.



## 6- Autoclave:

An autoclave is a pressure chamber used to sterilize equipment and supplies by subjecting them to high pressure saturated steam at 121 °C for around 15–20 minutes depending on the size of the load and the contents.

Sterilization autoclaves are widely used in microbiology, medicine, veterinary science. They vary in size and function depending on the media to be sterilized.

