

## 6) Autoclave

### Uses:-



- An Autoclave is pressure chamber used to sterilize equipment and supplies by subjecting them at high pressure saturated steam at 120°C for 10-15 min. Used to sterilize culture media, and discard other equipments.

## 7) Hot Airoven

Uses:-

- This device is used in sterilization .

Oven uses dry heat to sterilize.

It is used to dry glassware, and sterilize general instruments and packing items in life sciences and microbiology laboratory



## 5) Test tube holder

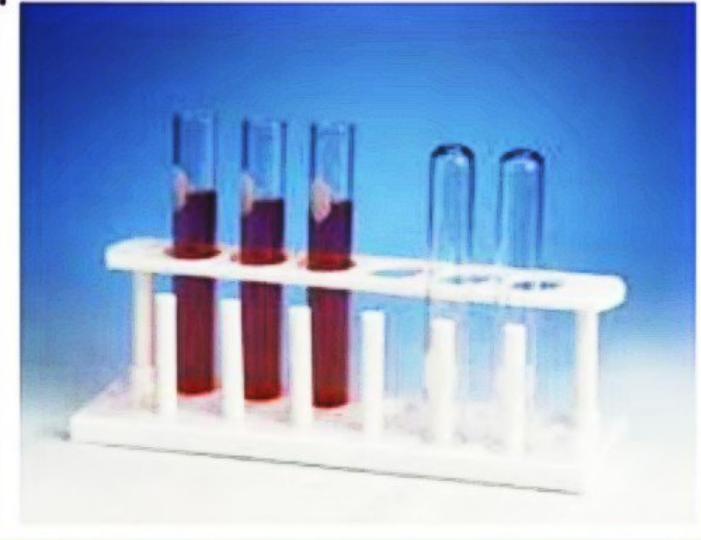
Uses:-



- A test tube holder is used to hold test tubes. It is used for holding a test tube in place when the tube is hot or should not be touched.

#### 4) Test tube rack

Uses:-



- Used to hold test tube.

### 3) Test tube

Uses:-



- Test tube used for mixing or heating the chemicals in a laboratory.

## 1) Micropipettes

Uses:-



- A Micropipettes is common yet an essential laboratory instruments used to accurately transfer volume of liquid in the microlitre range.

## 7) Hot Airoven

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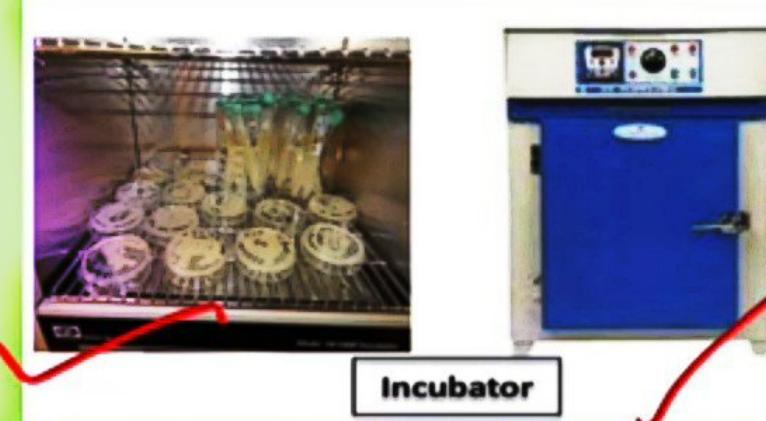
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## 8) Incubator

### Uses:-

- Incubator is a device used to grow and maintain microbiological cultures.
- The incubator maintains optimal temperature , humidity, and other conditions such as carbon dioxide ,and oxygen and contents of the atmosphere inside.



## 9) spectrophotometer

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### Uses:-



- It is a device used to measure light absorption or amount of chemical in the solution.

## 10) pH meter

Uses:-



- It is electric device used to measure hydrogen-ion activity in solution.

## 11) Laboratory refrigerator

### Uses:-



- It is used for wide variety of purpose such as:-
  - Laboratory refrigerators have been designed to store samples, specimens, vaccines and medicines at a very specific temperature range
- They are used to cool samples or specimens for preservation.

## 12) Centrifuge Machine

Uses:-



- Is an apparatus that rotates at high speed & separate substances of different densities.

## 13) Balance

Uses:-

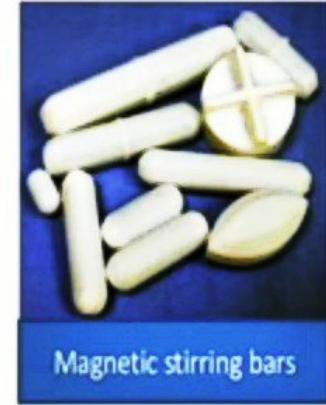


- Used to measure an object's mass to a very high degree precision.

## 14) Hot plate

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Uses:-



Magnetic stirring bars

- Used to heat & stir substances.

## 15) Water Bath

Uses:-



Is a device which maintains water at constant temperature.

It is used in the microbiological Laboratory for incubations.

## 16) Biological safety cabinet

Uses:-



- Is an enclosed ,ventilated laboratory workspace for safely working with materials contaminated with pathogens.

## 17) Hematology Analyzer / Cell counter

Uses:-



- hematology analyzers can rapidly analyze whole blood specimens for the complete blood count (CBC). Results include red blood cell (RBC) count, white blood cell (WBC) count, platelet count, hemoglobin concentration, hematocrit, RBC indices, and a leukocyte differential.

## 18) Biochemistry Analyzer

Uses:-

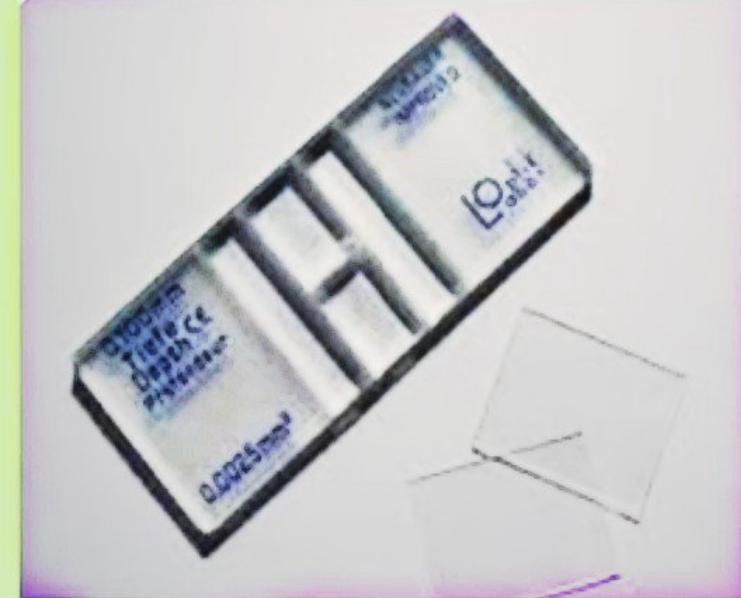


- A biochemistry analyzer, also known as a clinical chemistry analyzer, is used to measure metabolites present in biological samples such as blood or urine.

## 19) Hemocytometer

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Uses:-



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- It is counting chamber device originally  
Designed or used for counting blood cells.

## 20) Calorimeter

Uses:-



It is a device which measures absorbance of specific colour.

## 21) Weighing scale

Uses:-



- It is an instrument which is used to determine the weight and mass of the object.

## 22) Urine Analyzer

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Uses:-



It is a device which is used to perform automatic urine testing.

## 23) Inoculating loops

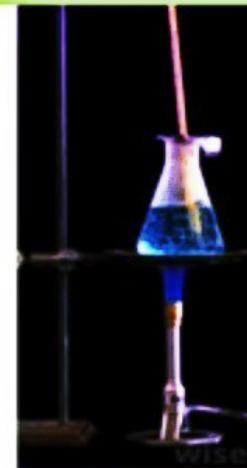
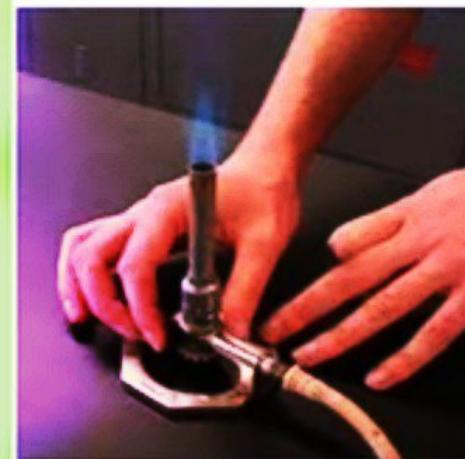
Uses:-



Inoculating loops are used to transfer the microorganisms to growth media or for staining slide.

## 24) Bunsen burner

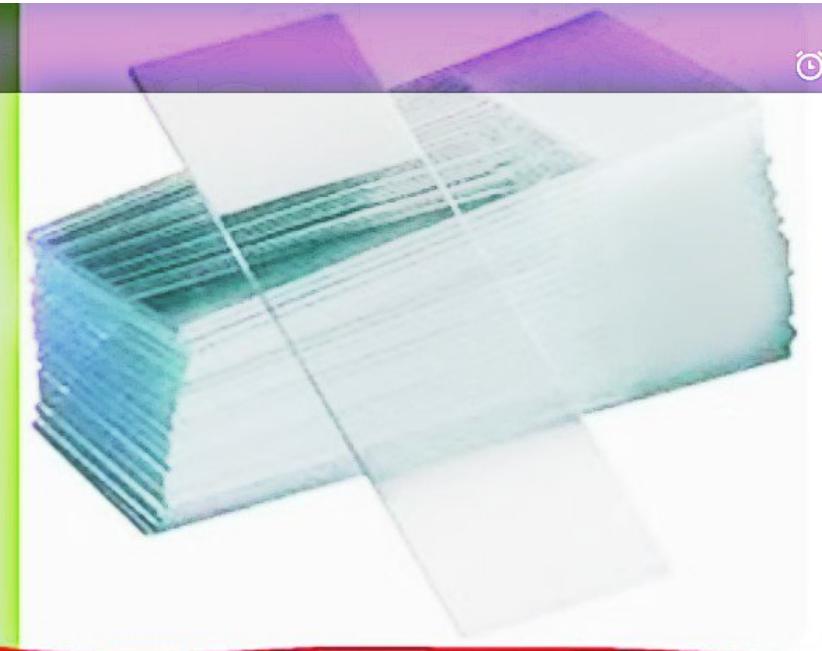
Uses:-



- Is a common piece of laboratory equipment that produces a single a open gas flame, which is used for heating and sterilization.

## 25) Glass slide

Uses:-



Used to place specimens on to observe under the microscope.

## 26) Coverslip

Uses:-



- Use to cover specimens on a microscope slide.

## 27) Petridishes

Uses:-



- Often used to make agar plates for microbiology studies.

## 28) Laboratory Beaker

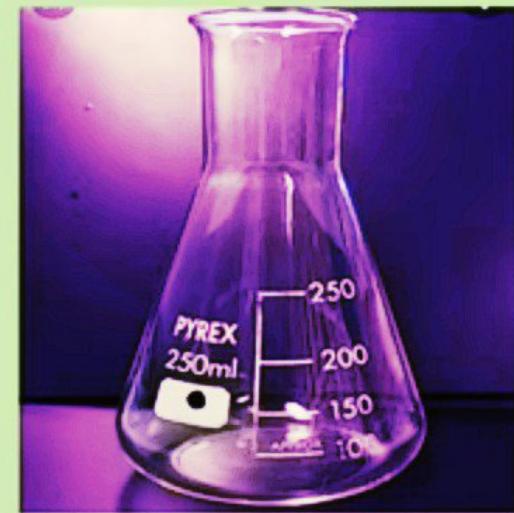
Uses:-

Used to stir ,heat and measure liquid volume in ml.



## 29 ) Laboratory flask

Uses:-



- Used for making solutions or holding, containing, collecting, or measuring chemical samples etc.

## 30) Funnel

Uses:-



- Aids in pouring liquids into small opening spilling them.

### 31) EDTA Tubes

Uses:-



- EDTA Tubes is typical anticoagulant used in blood collection tubes.

## 32) plain tube ( red top colour)

Uses:-



- They are used for collecting & storing blood specimens for biochemistry, immunology, serology test.

### 33) Fluoride tube

Uses:-



- Fluoride vials is used for blood collection for glucose measurement.

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Uses:-



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## 34) Syringes

Uses:-



- A medical devices that is used to inject fluid into or withdraw fluid from the body.

## 35) Tourniquet

Uses:-



- A Tourniquet is a device that is used to apply pressure to a limb or order to stop the flow of blood.

### 36) Alcohol swab

Uses:-



Used to clean an injection site before the injection.

### 37) Urine container

Uses:-



- Used for collecting a urine sample.