

Beehive

It is used to support gas jar for collecting gases.

BUCHNER FLASK

A Büchner flask can be used with a Büchner funnel for separating solids and liquids. Water is poured into the Büchner funnel and the liquid passes through filter paper and is sucked up by a vacuum attached to the side of the Büchner flask, while the solid stays behind in the Büchner funnel.

The Büchner flask can also be used as a vacuum trap in a vacuum line to ensure that no fluids are carried over from the aspirator or vacuum pump (or other vacuum source) to the evacuated apparatus, or vice versa.

BUCHNER FUNNEL

It is used for separating liquids under pressure

BUNSEN BURNER

It is used for heating substances in the laboratory.

BURETTE

It is used for measuring volumes of solutions especially during titration experiment.

CENTRIFUGE

It is used for speeding up the settling down (sedimentation) of precipitates and residues

CLAY TRIANGLE

It is used for supporting crucibles during heating on Bunsen burner

CONDENSER

It is used for cooling vapour during distillation process

CONICAL FLASK

It is used for containing substances (mostly liquid) for experiment

CRUCIBLE AND LID

It is used for heating substances to dryness

CRUCIBLE TONGS OR FIRE TONGS

It is used for holding objects for heating

DEFLAGRATING SPOON

It is used for holding substances to be burnt in gas jars

DROPPING BOTTLE

It is used for releasing liquids like acid-base indicators in drops

EVAPORATING DISH

It is used for separating solids from liquids in a solution by heating

FLAT BOTTOM FLASK

It is either used for containing chemical solutions or mixing different types of chemicals together

FORCEPS

It is used for picking substances

FUNNEL

It aids in successful transfer or pouring of solutions from one container to another.

GAS JAR

It is used for collecting gases

MEASURING CYLINDERS

It is used for measuring volume of liquids

PESTLE AND MORTAR

It is used for crushing and grinding solid chemicals or substances

PIPETTE

It is used for measuring volumes of liquids or solutions mostly during titration experiments.

RETORT STAND AND CLAMP

It is used for holding objects like round bottom flask and burette in a firm position for experiments

ROUND BOTTOM FLASK

It is used to contain chemical reaction during preparation of gas in the laboratory

SEPERATING FUNNEL

It is used for separating immiscible liquids (liquids that do not mix, eg. Water and oil)

SPATULA

It is used for fetching powdered or crystalline compounds from their containers

STIRRING ROD OR GLASS ROD

It is used for stirring solutions

GAS OR LIQUID SYRINGE

It is used for collecting and measuring volumes of gases and liquids

TEST TUBE

It is used for containing smaller volumes of solution

TEST TUBE HOLDER

It is used for holding test tubes containing solutions for heating

TEST TUBE RACK

It is used for holding and supporting test tubes when solutions are placed in it

THERMOMETER

It is used for measuring temperature of a body

TRIPOD STAND

It is placed over the Bunsen burner for heating substances in the laboratory

VOLUMETRIC FLASK

It is used for preparing a standard solution

WASH BOTTLE

It is used for squirting distilled water to rinse chemicals from flasks, beakers, test tubes etc. It is also used to top-up standard solutions in volumetric flasks.

WATER TROUGH

It is used for collecting and storing water

WIRE GAUZE

It is placed on tripod stand to reduce direct heating of substances

