

## Laboratory Equipment

### Erlenmeyer Flask



Performing chemical reactions  
Mixing chemicals (*making solutions*)  
Holding chemicals during lab

### Filtrating Flask



Separating chemicals (*normally solid from liquid*) by using a vacuum  
Dries solids after an experiment / lab

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## Laboratory Equipment

### Volumetric Flask



Measures volume of a liquid  
Used to make precise mixtures of liquids (*solutions*)

### Beaker

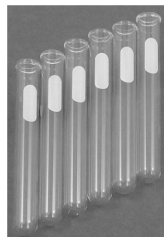


Performing chemical reactions  
Holding chemicals during lab  
Observing chemicals during lab

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## Laboratory Equipment

### Test Tubes



Performing small scale reactions  
Heating small amounts of liquids/solids  
Observing several chemical reactions

### Watch Glass

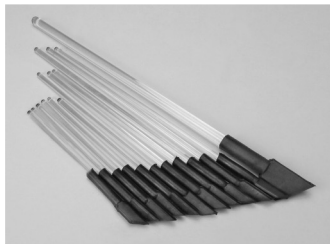


Providing safety shield while heating  
or performing reaction  
Viewing reactions from all sides

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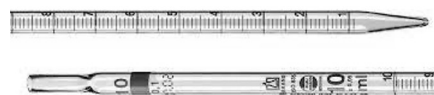
## Laboratory Equipment

### Stirring Rod



Stirring and mixing liquid mixtures  
Separating solids from liquids (*rubber policeman*). Cleaning beakers/flasks

### Graduated Volumetric Pipette



Transferring specific amounts of  
liquid for making mixtures (*solutions*)  
or during chemical reactions

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## Laboratory Equipment

### Burette



Distributing/Measuring a very precise amount of liquid, usually into a flask or beaker, during a chemical reaction

### Graduated Cylinder

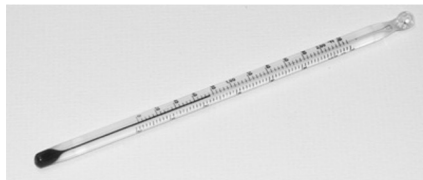


Measuring liquids from a larger container for use in a chemical reaction

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## Laboratory Equipment

### Alcohol Thermometer Weighing Boat



Measuring the temperature (*related the heat/energy*) of a substance, normally a solid, liquid, or mixture



Container used to hold solids before adding them to liquids, or for weighing solids on a balance (*mass*)

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## Laboratory Equipment

### Laboratory Balance    Spatulas/Scoopulas



Measuring the mass (*weight*) on an object being measured. Can also be used to count small objects



Used to transfer solids into containers, before or after a reaction

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## Laboratory Equipment

### Hot Plate



Used to heat objects for a chemical reaction, normally to make the reaction work, or to go faster

### Bunsen Burner



Used to provide a direct flame through natural gas to burn or heat objects during lab (*like a hot plate*)

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## Laboratory Equipment

### Beaker Clamp



Using to hold hot beakers after heating them on a hot plate/Bunsen burner.

### Ring Stand and clamp



Used to hold test tubes, flasks or beakers during the heating process.

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## Laboratory Equipment

### Eyewash Station



Using to rinse eyes out after chemical exposure during lab. Not used for drinking or washing hands.

### Drench Lab Shower



Used to wash larger body parts with water after chemical exposure.

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## Laboratory Equipment

### Gas Fume Hood



Used to contain gases from a chemical reaction that might be toxic, corrosive, or have a bad smell

### Fire Extinguisher



Used to put out small fires within lab that can not be controlled by other smaller methods