



Al-Mustaqbal University College

College of Science

Chemistry –2ed Class

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CHEMICAL EQUIPMENT

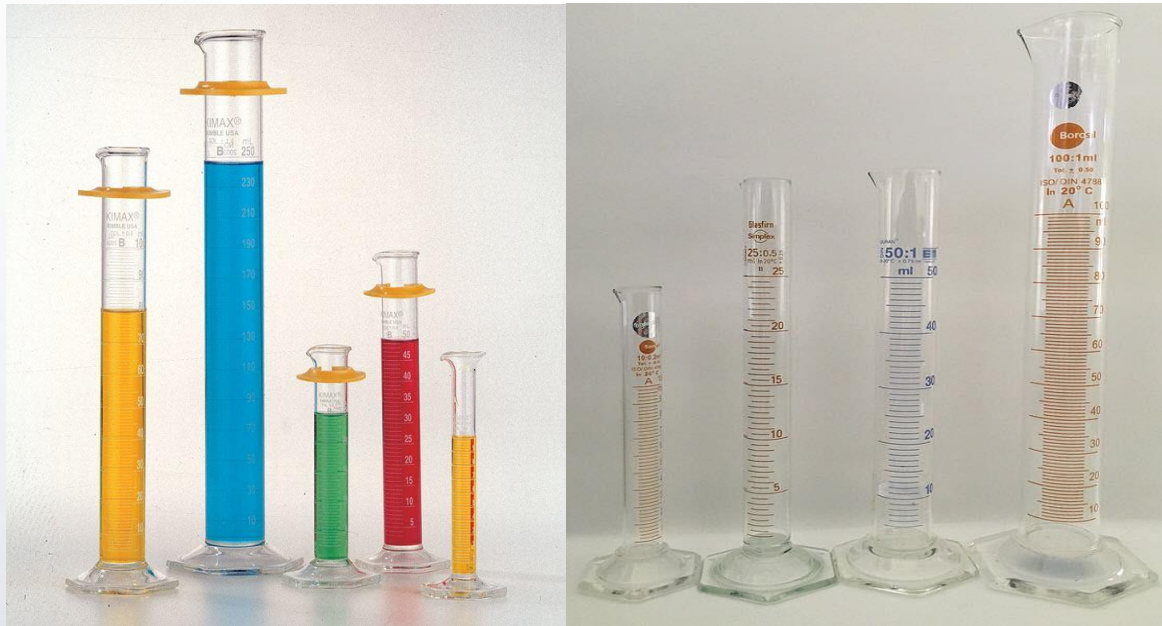
here are details common laboratory equipment and their appropriate use. Knowing the proper use will help ensure safe laboratory practices.



Balance: Used for measuring mass.



Ring Stand Used to hold or clamp laboratory glassware and other equipment in place, so it does not fall down or come apart.



Graduated Cylinder

Used to measure a precise volume of a liquid.



Test Tube

Used to hold and mix liquids.



Pipet

Used to measure small amounts of liquid very accurately.
Never pipet by mouth! Use pipetting aids.





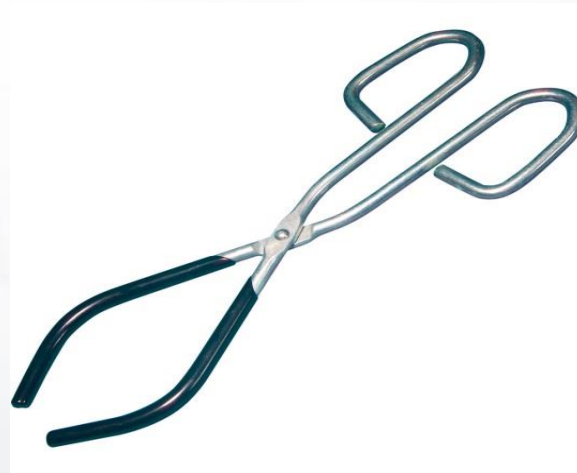
Pipet Bulb

Used to draw liquids into a pipe.



Beaker

Used to hold, mix, and heat liquids.



Beaker Tongs

Used to pick up beakers.



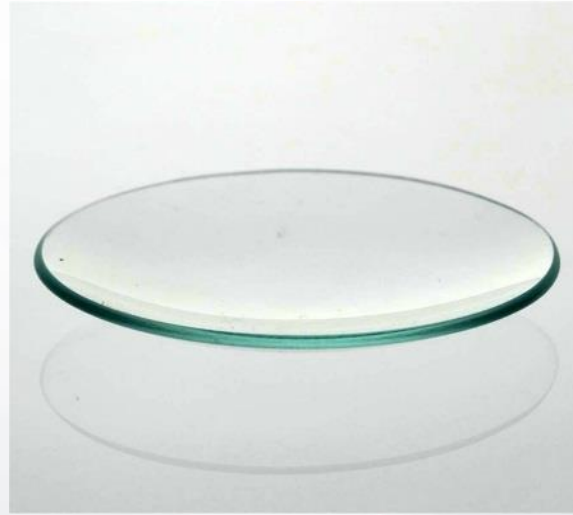
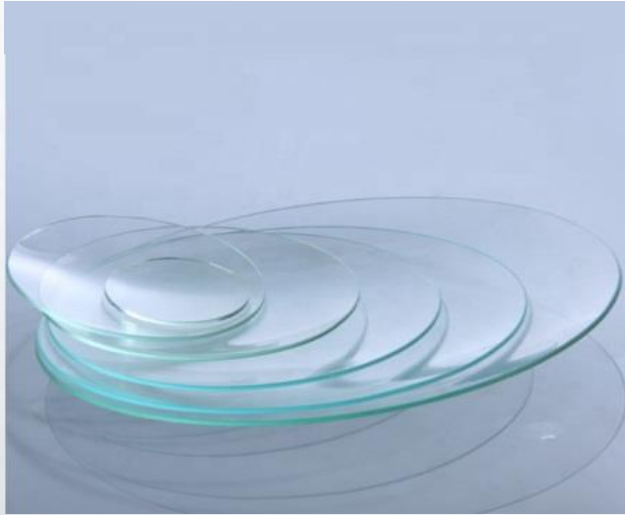
Test Tube Clamp

Used to hold a test tube, particularly when hot.



Test Tube Rack

Used to hold several test tubes at one time.



Watch Glass

Used to hold solids while they are being weighed or to cover a beaker.



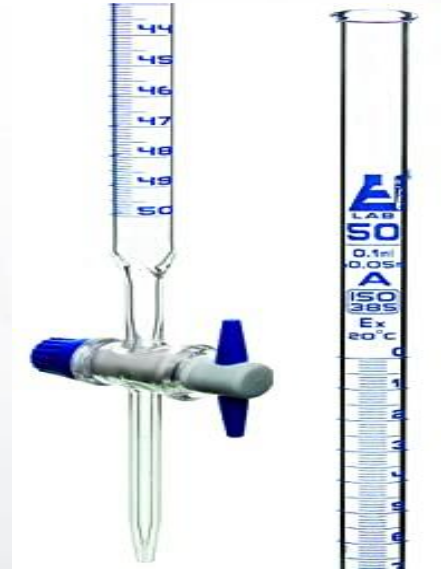
Spatula

Used to transfer solids.



Stirring Rod

Used for stirring and mixing



Buret

Used for dispensing an accurate volume of a liquid.



Volumetric Flask

Used to prepare solutions to an accurate volume.



Conical Flask

Used to hold and mix chemicals. The small neck is to facilitate mixing without spilling.





Funnel

Used to transfer liquids or fine-grained materials into containers with small openings. Also used for filtration.