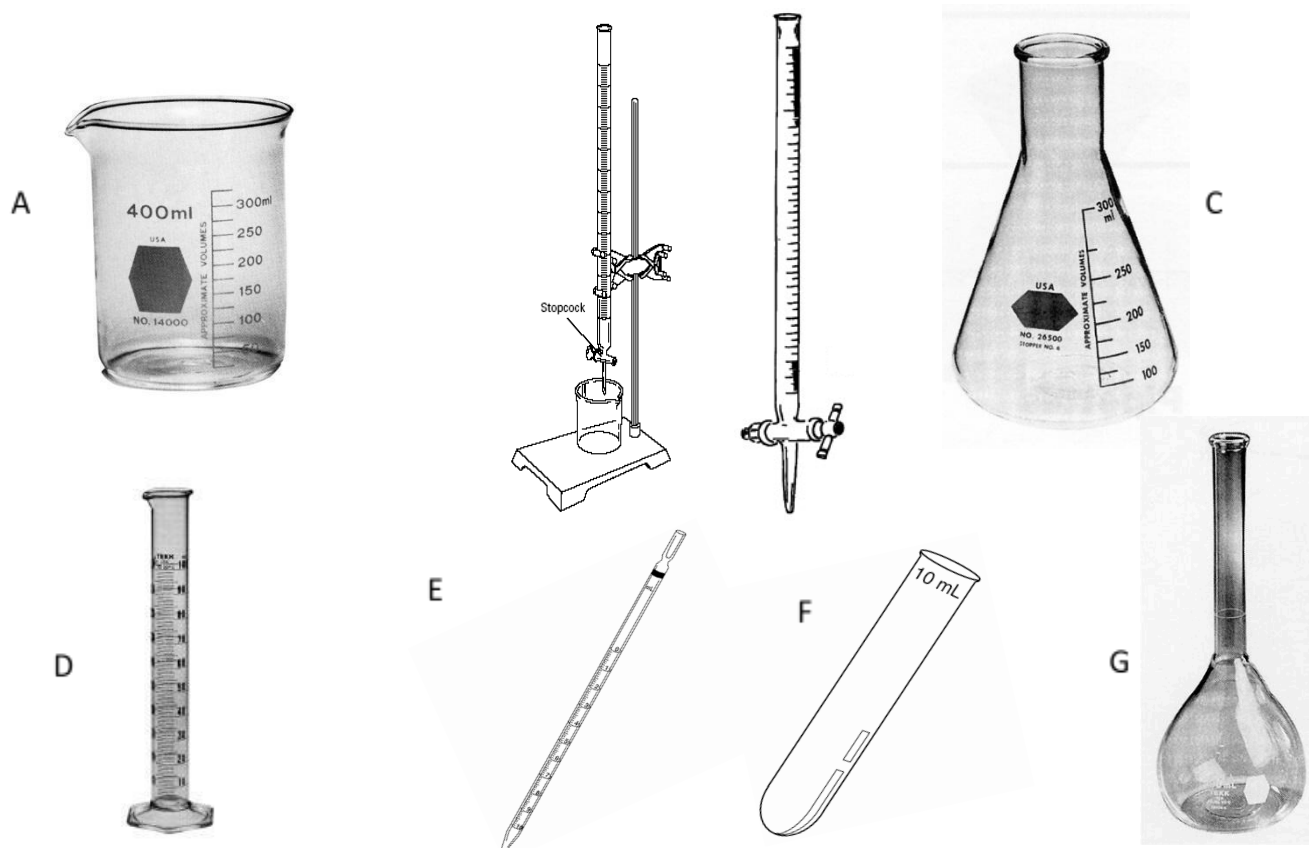


## Lab Equipment

### LABORATORY GLASSWARE

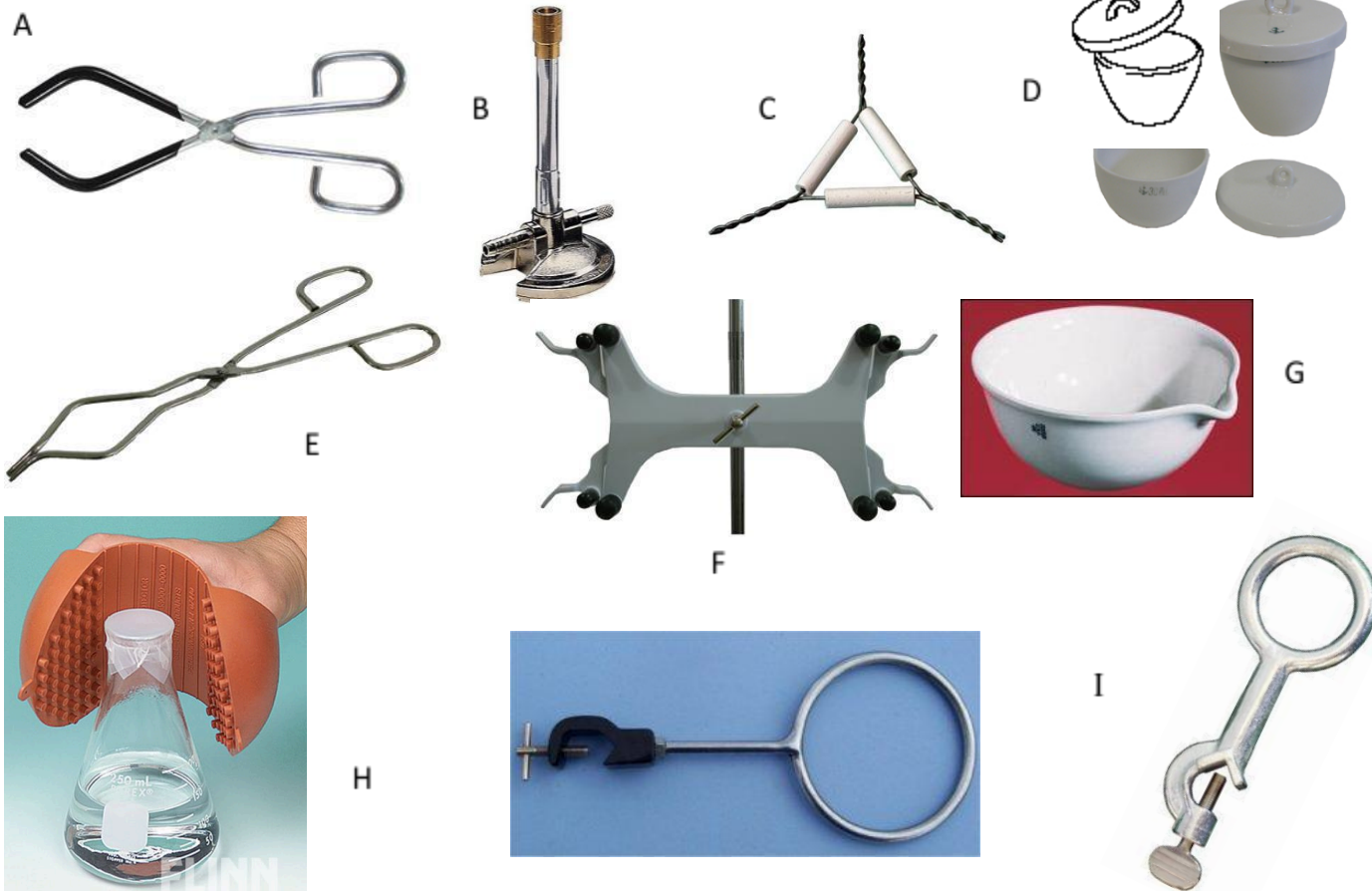
(pictures not to scale)



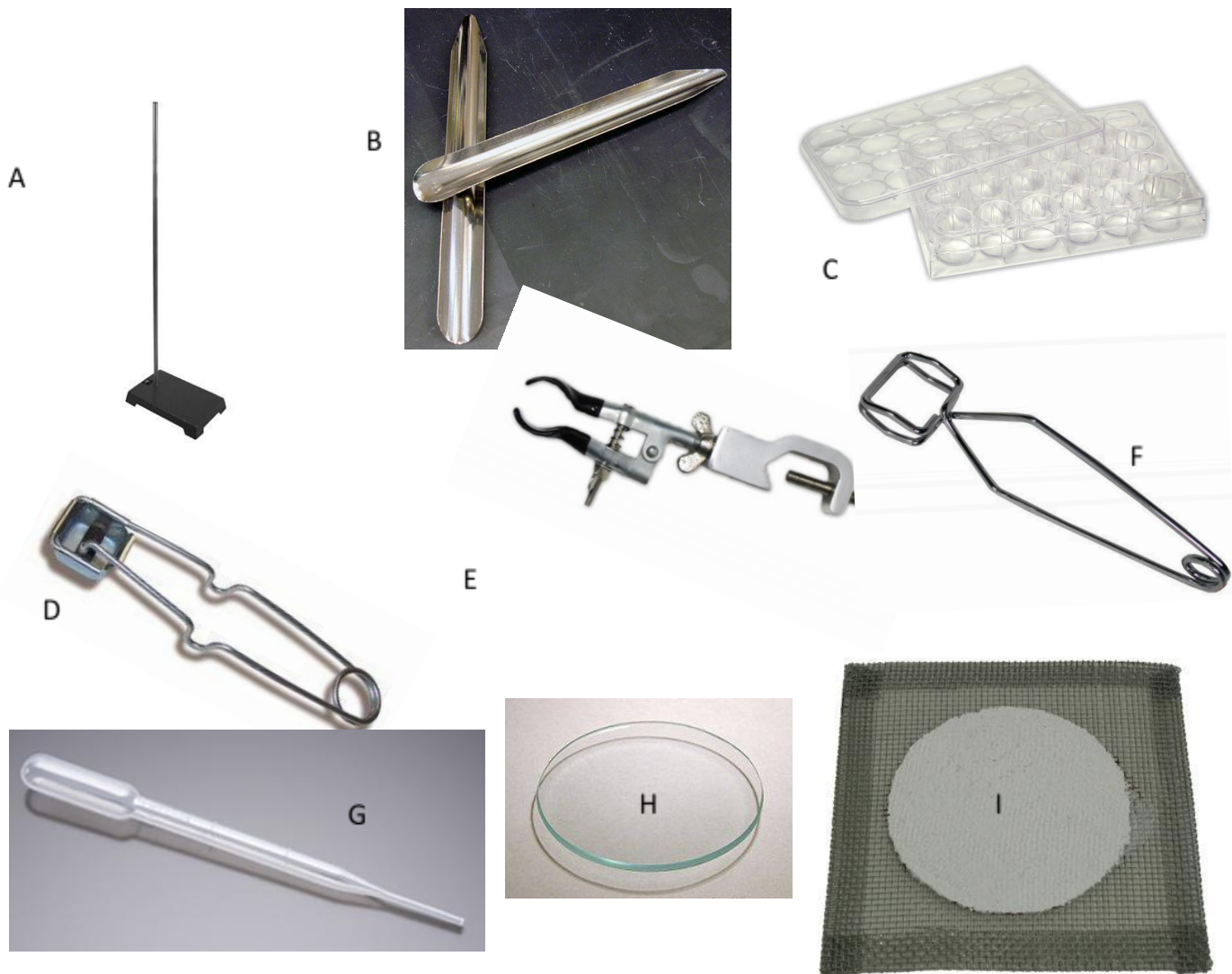
EQUIPMENT NAME	FUNCTION?
<b>A. Beaker</b>	Large mouth glass containers used to contain <u>approximate</u> volumes of liquid, used to mix and heat substances
<b>B. Buret</b>	Long tube with a stopcock that opens and closes; it is used to <u>precisely</u> deliver solutions, especially in a titration ALSO: BE AWARE OF THAT THEY COUNT BACKWARDS, as they measure how much liquid has been delivered!
<b>C. Erlenmeyer Flask</b>	Small mouth glass container used to contain <u>approximate</u> volumes of liquid; the small mouth accommodates a stopper for storage or to prevent spillage while mixing
<b>D. Graduated Cylinder</b>	Used to measure and deliver <u>precise</u> volumes of liquids
<b>E. Graduated Pipet</b>	Used to deliver <u>precise</u> volumes of liquids
<b>F. Test Tube</b>	Glass cylinder that holds liquids being tested in an experiment; does not have any measurement markings on it
<b>G. Volumetric Flask</b>	Used to <u>precisely</u> contain a specific volume; commonly used when making aqueous solutions (aqueous = water + dissolved compound)

## OTHER LABORATORY EQUIPMENT

(pictures not to scale)



EQUIPMENT NAME	FUNCTION?
A. Beaker Tongs	Circular tongs with rubber coating that can wrap around and hold a hot beaker
B. Bunsen Burner	Gas flame burner that uses methane as a fuel source
C. Clay Triangle	Set on a ring clamp, it is used to support a crucible or a funnel
D. Crucible	Ceramic bowl with a lid that is used to heat small amounts of solid substances to high temperatures
E. Crucible tongs	Used to pick up and hold small items, such as crucibles
F. Double Buret Clamp	Attaches to ring stand to hold two burets
G. Evaporating Dish	Used to contain small volumes of solutions in order to heat the mixture and evaporate the solvent
H. Hot Hands	Silicone hot pads that can withstand high temperatures and are used to hold/transfer hot containers
I. Ring Clamp	Ring-shaped clamp that attaches to the ring stand to support equipment



<b>EQUIPMENT NAME</b>	<b>FUNCTION?</b>
<b>A. Ring Stand</b>	Long metal pole on a base; along with clamps, it is used as a support of equipment set-ups
<b>B. Scoopula</b>	A folded piece of metal that is used to transfer solids
<b>C. Well Plate</b>	A plastic or porcelain plate with wells used to test reactions during micro labs
<b>D. Striker</b>	Has a flint that sparks to initiate flame on Bunsen burners
<b>E. Test tube clamp</b>	Clamps a test tube or other equipment onto a ring stand
<b>F. Test tube holder</b>	Spring metal holder used to hold or transfer hot test tubes
<b>G. Transfer Pipet</b>	Plastic, qualitative pipet that is used to dispense chemicals; often used in place of a dropper
<b>H. Watch Glass</b>	Concave glass dish used to hold chemicals or as a cover for evaporating dishes and beakers
<b>I. Wire Gauze</b>	Used to help support equipment and spread the heat of a burner flame

