

Reboot your knowledge about Pharma Equipment and Instruments



INDIAN PHARMACEUTICAL ASSOCIATION
&
**INDIAN PHARMACEUTICAL ASSOCIATION,
EDUCATION DIVISION**



CHEBROLU HANUMAIAH
INSTITUTE OF PHARMACEUTICAL SCIENCES
CHANDRAMOULIPURAM, CHOWDAVARAM,
GUNTUR - 522019. ANDHRA PRADESH, INDIA



GRADUATED CYLINDER



VOLUMETRIC FLASK



PIPETTE



ERLENMEYER FLASK



**ROUND-BOTTOMMED
FLASK**



BEAKERS



ANALYTICAL WEIGHTS



SINGLE PAN BALANCE



DOUBLE PAN BALANCE



TRIPLE BEAM BALANCE



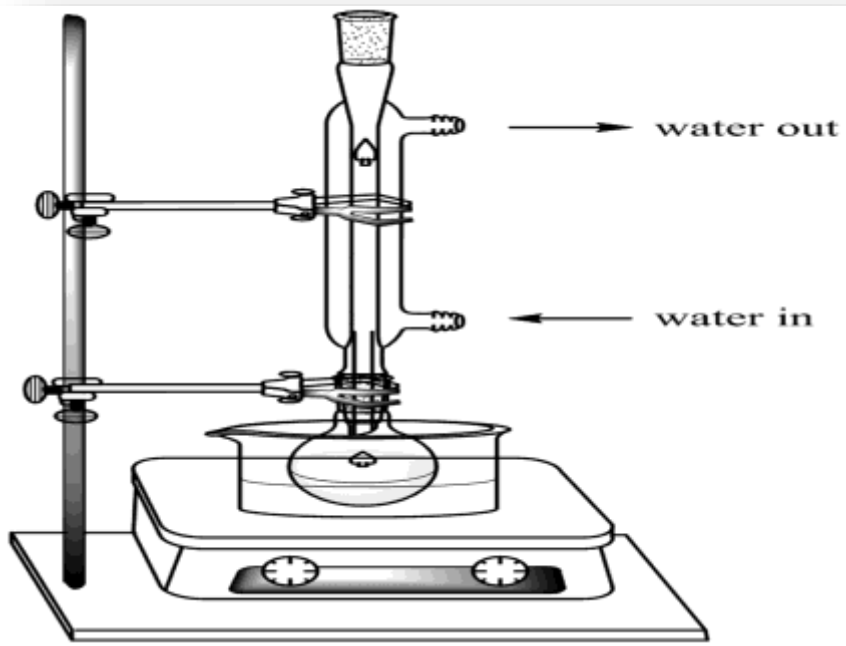
ANALYTICAL BALANCE



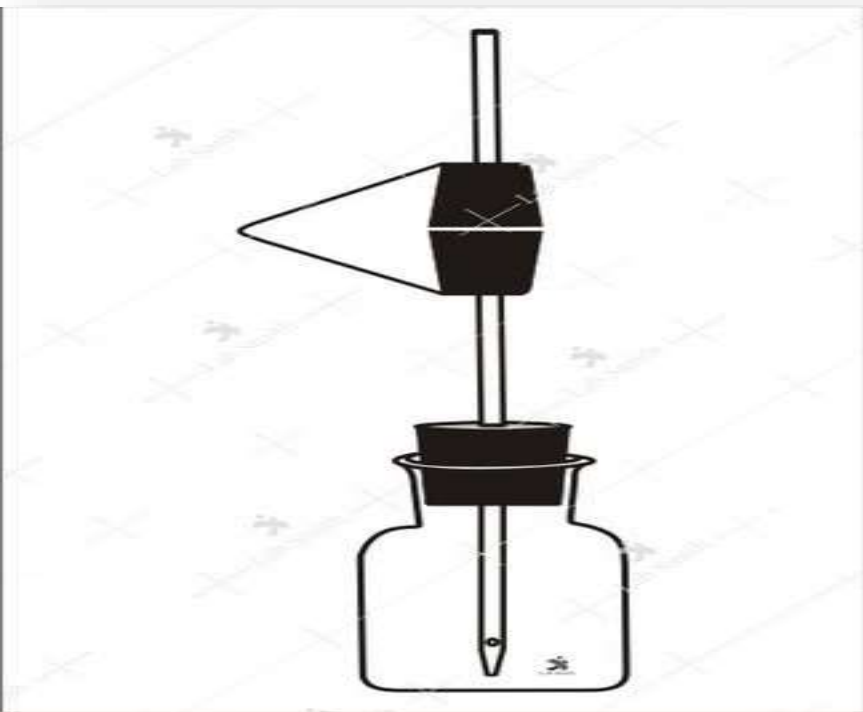
ELECTRONIC BALANCE



NESSLER CYLINDER



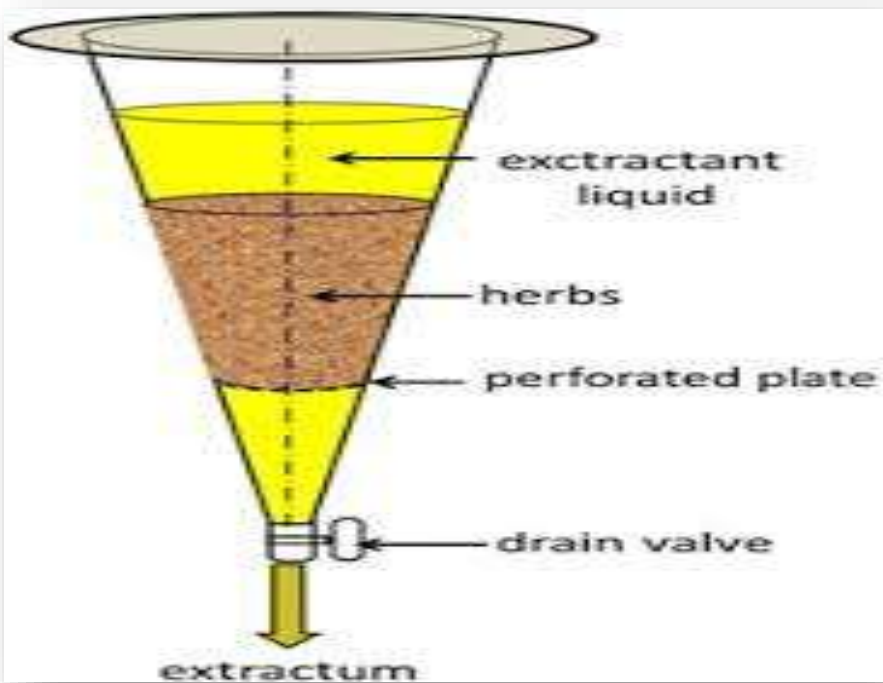
REFLUX



ARSENIC APPARATUS



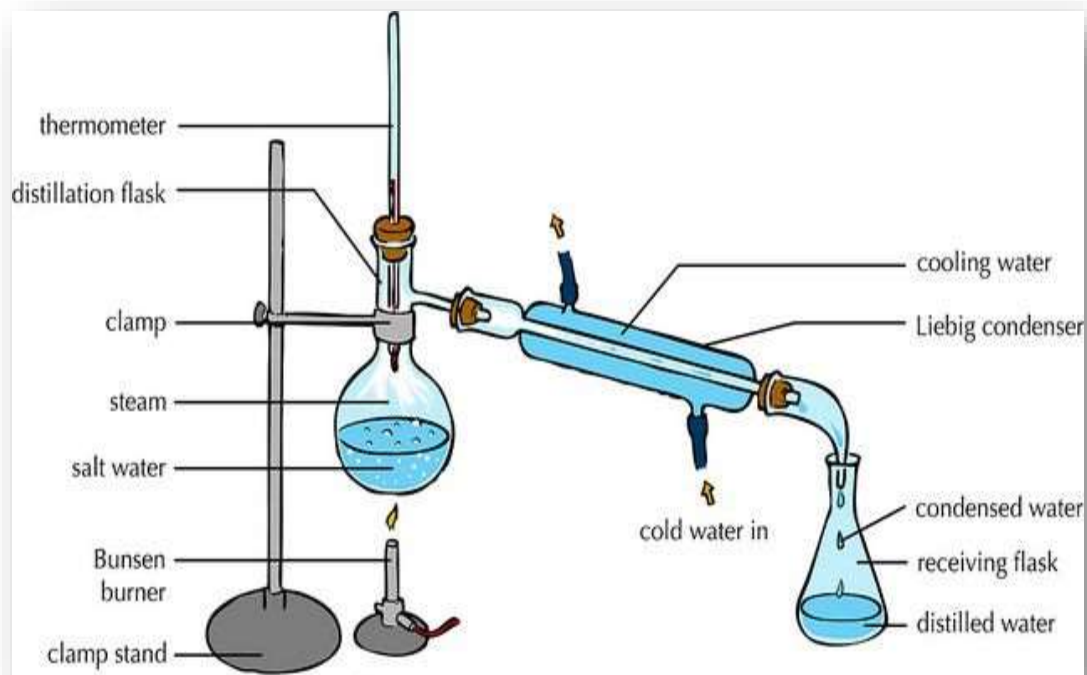
T L C CHAMBERS



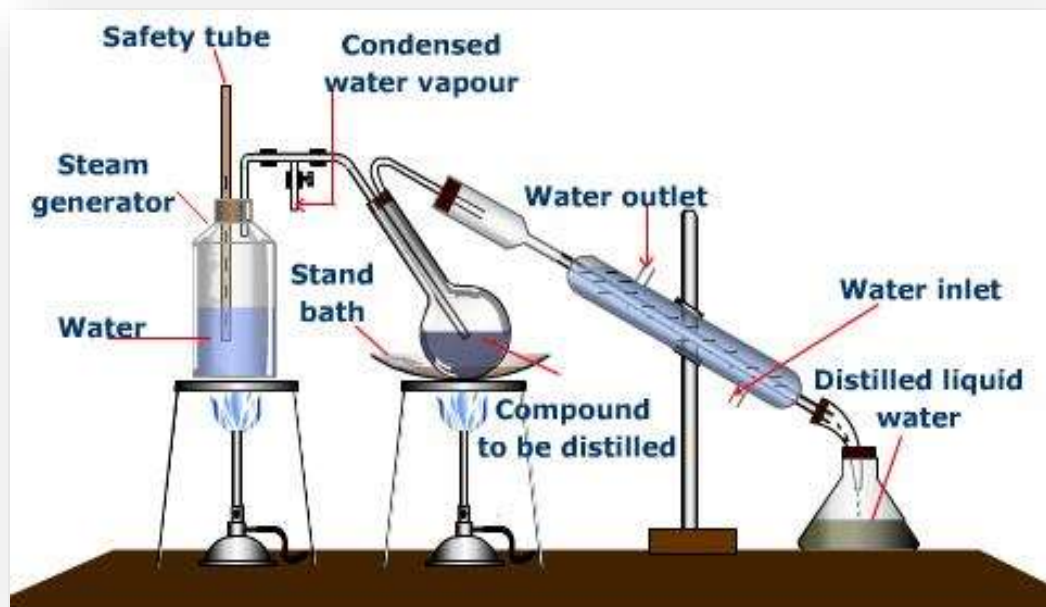
PERCOLATOR



CLEVENGERS APPARATUS



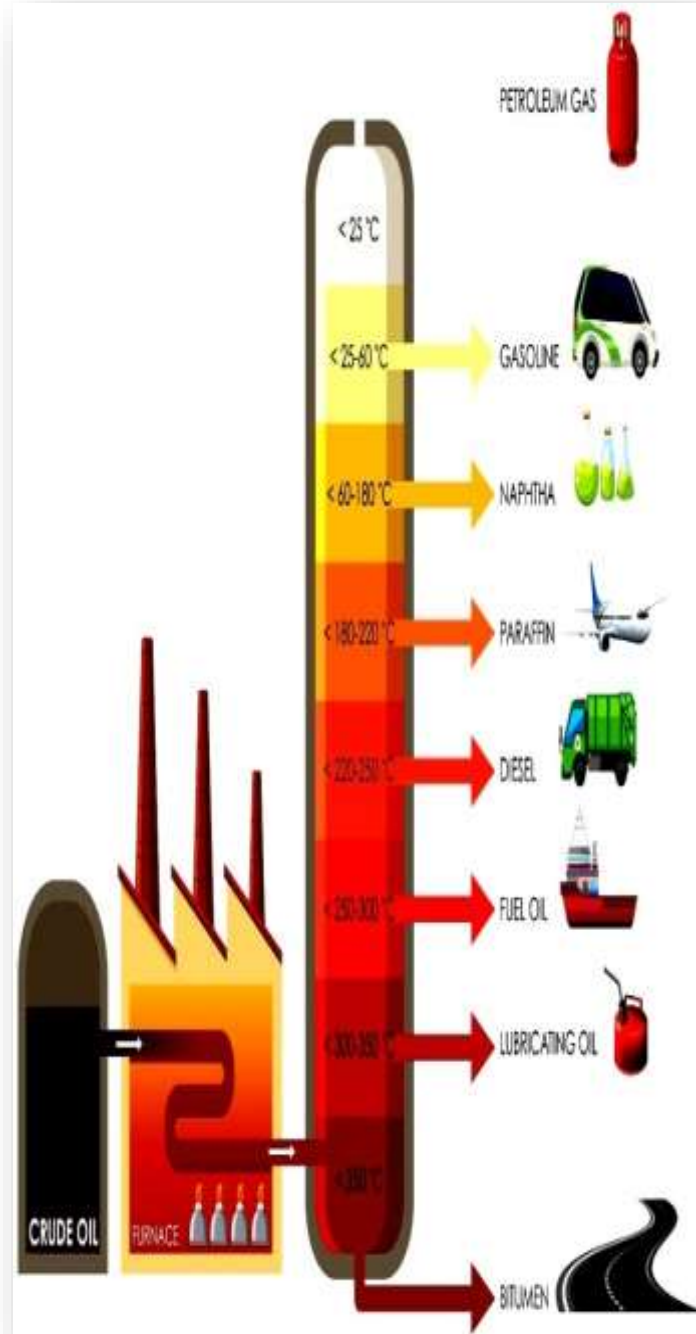
SIMPLE DISTILLATION



STEAM DISTILLATION



GEL ELECTROPHORESIS



FRACTIONAL DISTILLATION



SOXHELET APPARATUS



SIMPLE MICROSCOPE



COMPOUND MICROSCOPE



PROJECTION MICROSCOPE



BINOCULAR MICROSCOPE



**PRISM TYPE
CAMERA LUCIDA**



**MIRROR TYPE
CAMERA LUCIDA**



**STAGE
MICROMETER**



LAMINAR AIR FLOW UNIT



STABILITY CHAMBER



AUTOCLAVE



HOT AIR OVEN



ORBITAL SHAKING INCUBATOR



MUFFLE FURNACE



UV CABINET



FUME HOOD



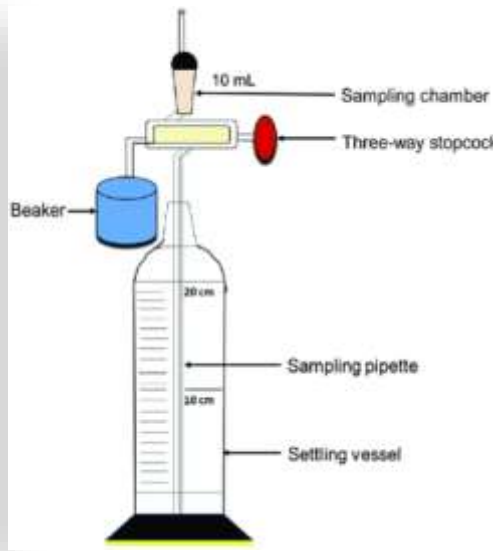
REFRACTOMETER



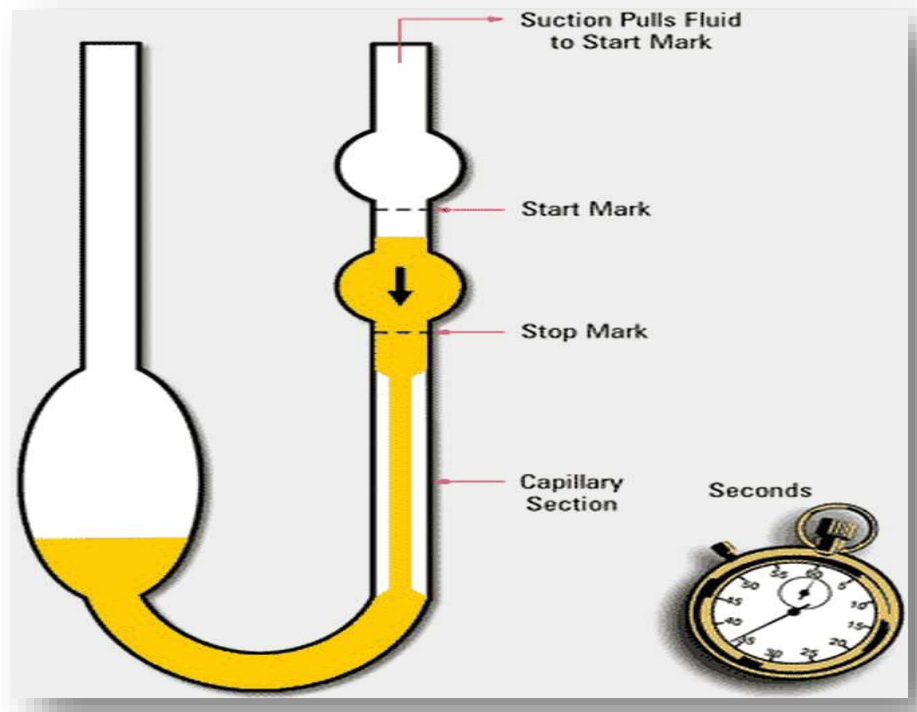
**BLOOM
GELOMETER**



**PYCNOMETER/
HYDROMETER**



**ANDREASEN
APPARATUS**



OSTWALD'S VISCOMETER



**FALLING SPHERE / BALL
VISCOMETER**



**CUP & BOB VISCOMETER
(BROOK FIELD)**



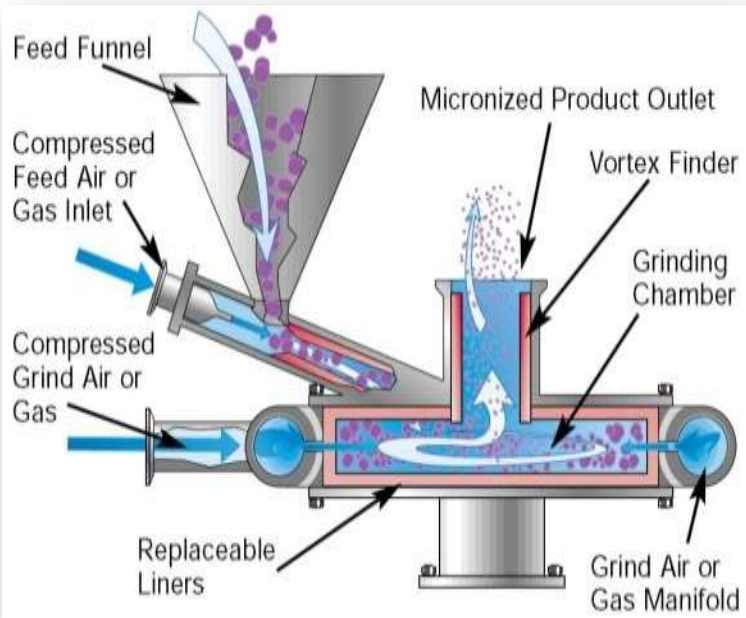
**CONE & PLATE VISCOMETER
(BROOK FIELD)**



HAMMER MILL



CUTTER MILL



FLUID ENERGY MILL



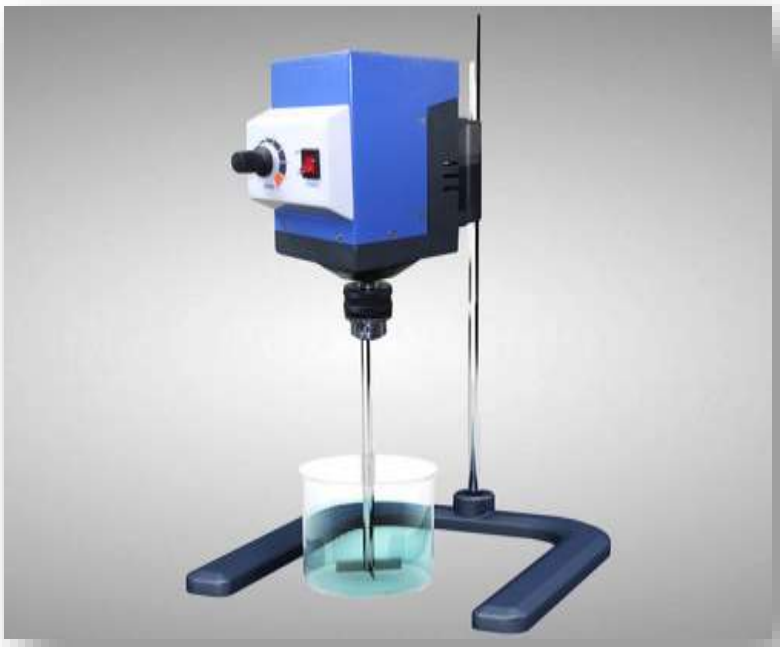
COLLOIDAL MILL



MULTI MILL



BALL MILL



MECHANICAL STIRRERS



HOMOGENIZER / EMULSIFIER



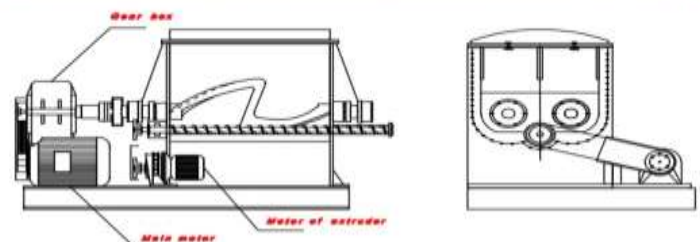
MASS MIXER



PLANETARY MIXER



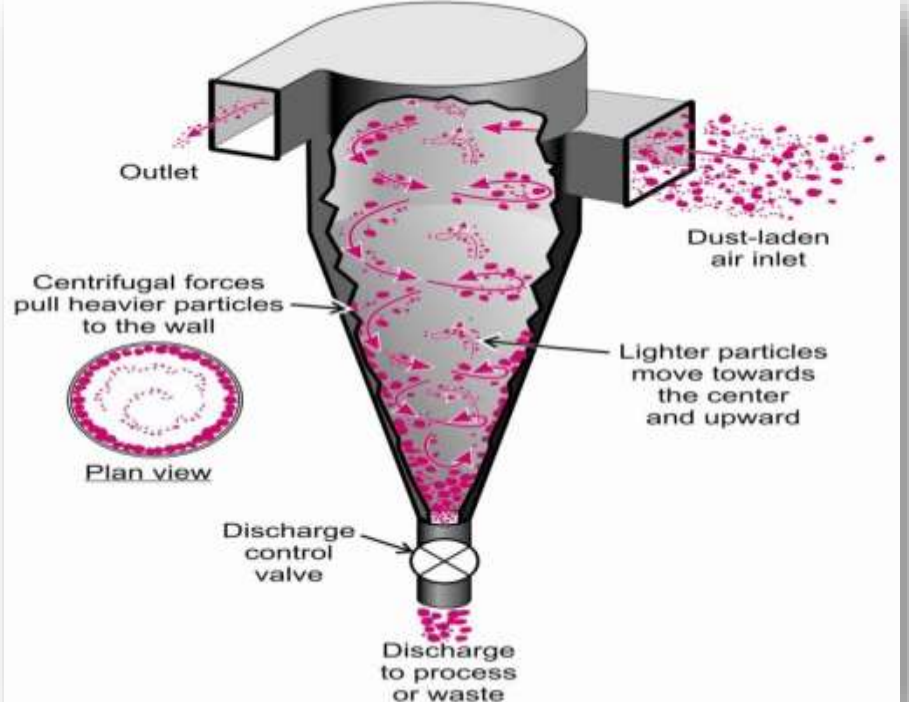
DOUBLE CONE BLENDER



SIGMA BLADE MIXER



COOLING CENTRIFUGE



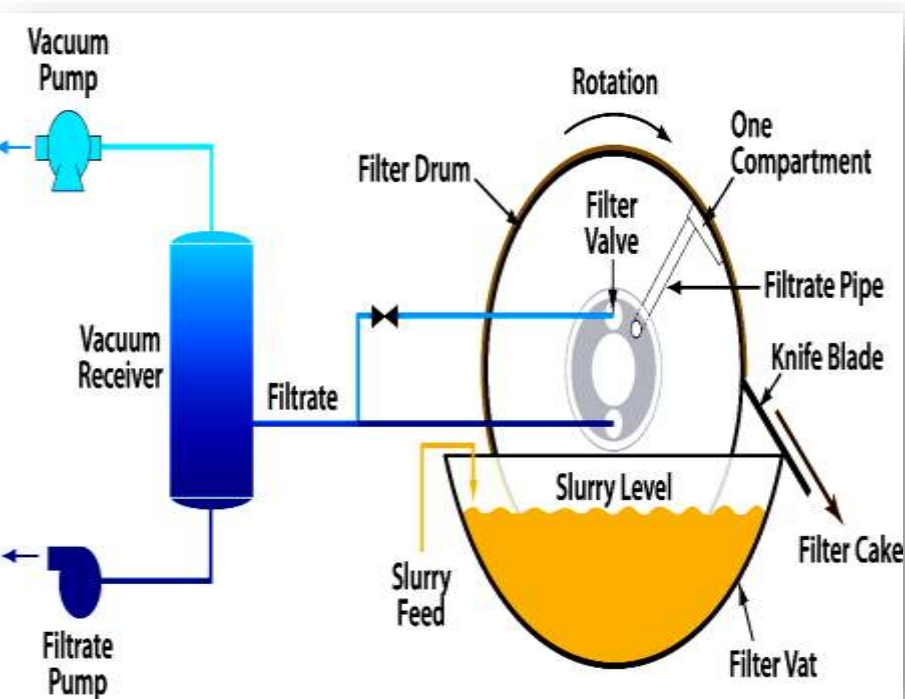
CYCLONE SEPARATOR



FILTER PRESS



SIEVE SHAKER



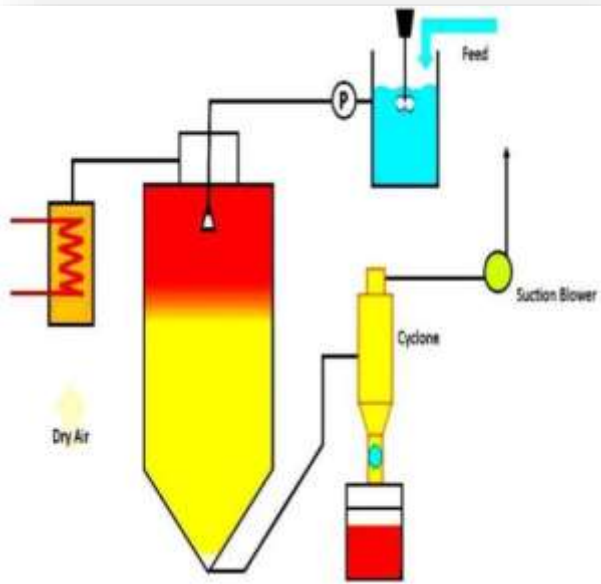
ROTARY DRUM FILTER



VIBRO SIFTER



TRAY DRIER



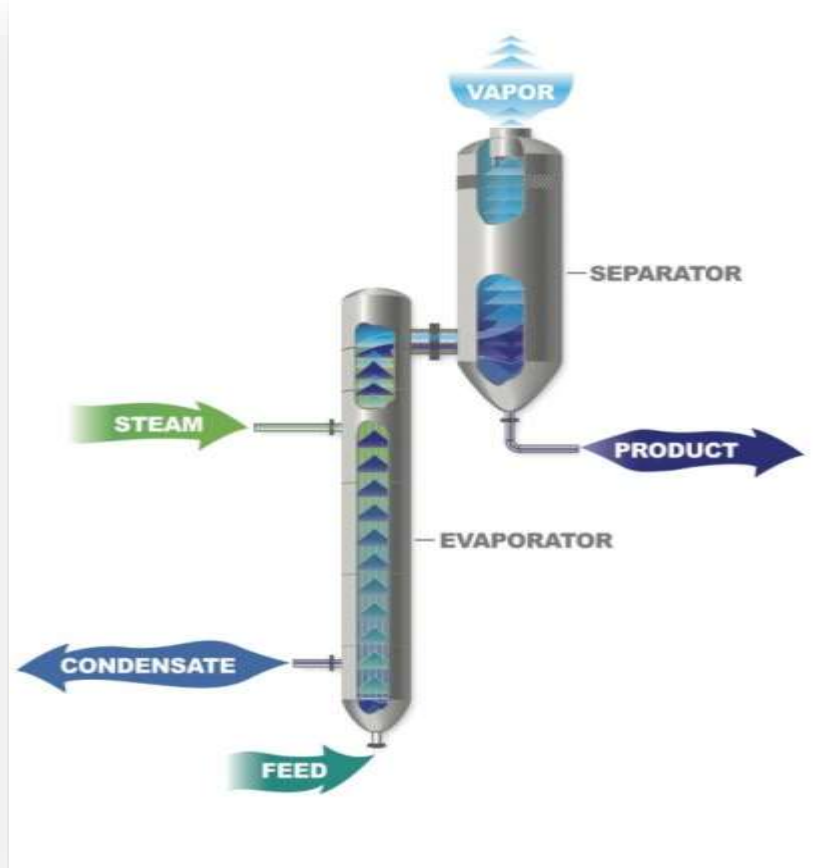
SPRAY DRYER



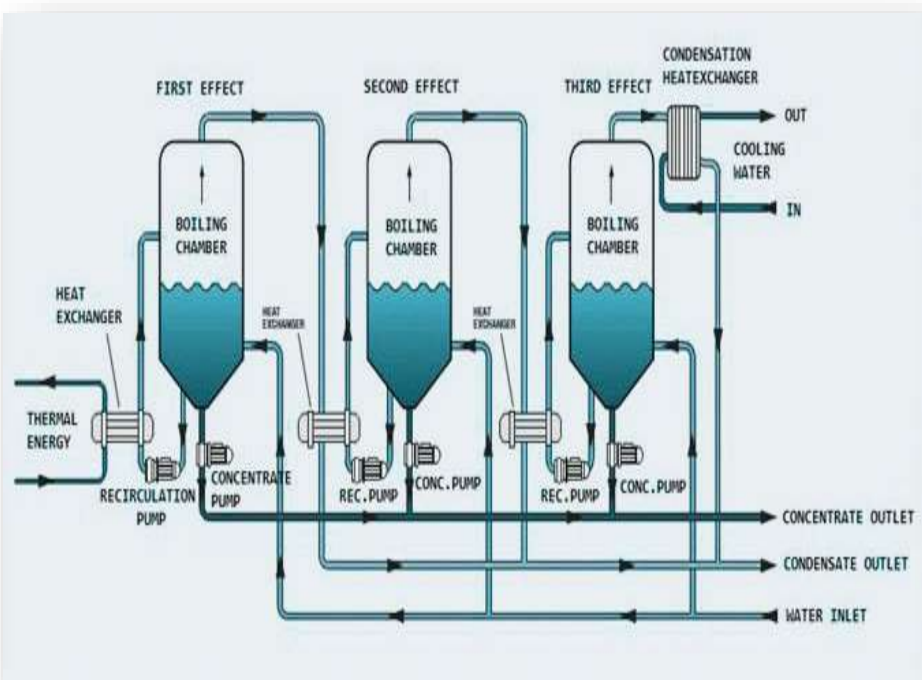
FLUIDIZED BED DRIER



FILM TYPE EVAPORATORS



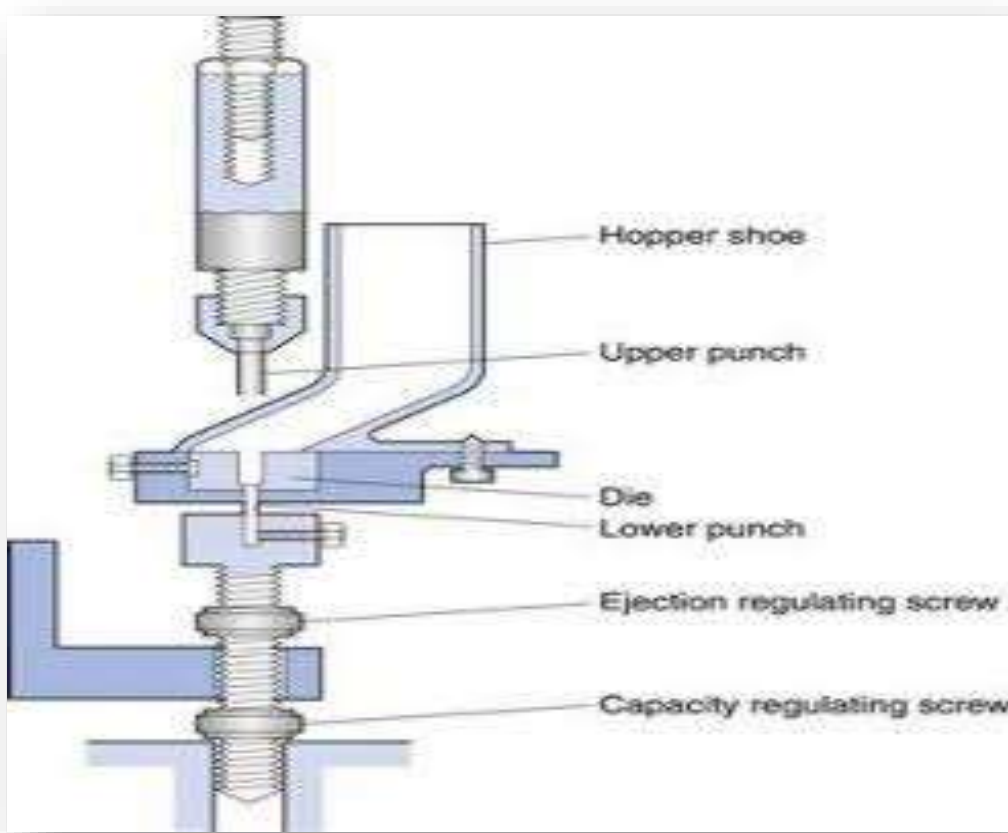
FORCED CIRCULATION EVAPORATOR



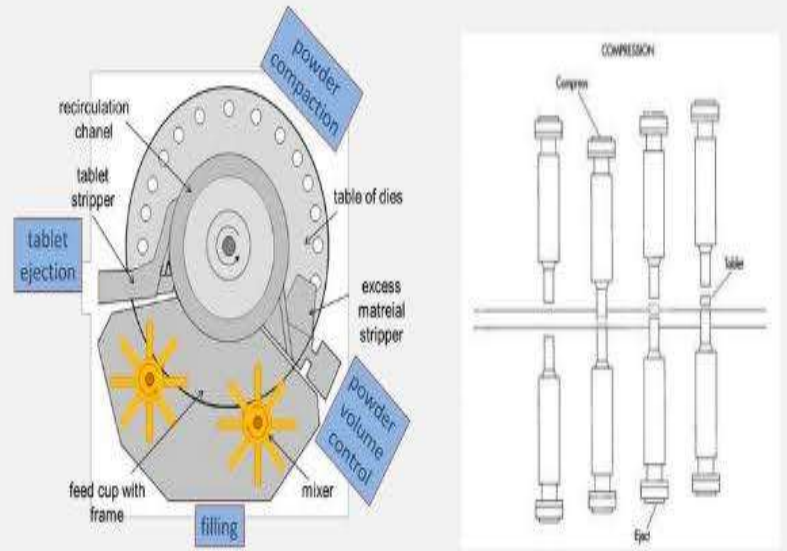
MULTIPLE EFFECT EVAPORATOR



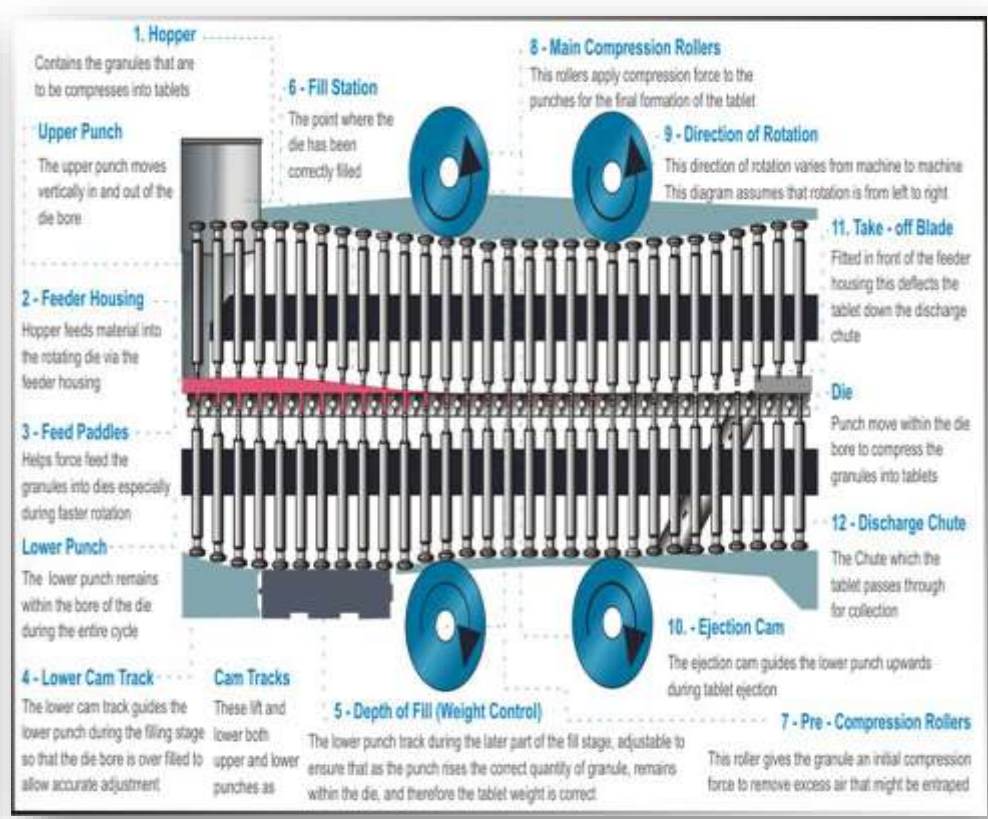
FORCED CIRCULATION EVAPORATOR



STAGES OF TABLET COMPRESSION PROCESS



SINGLE PUNCH TABLET COMPRESSION MACHINE



ROTARY TABLET COMPRESSION MACHINE



MONSANTO HARDNESS TESTER



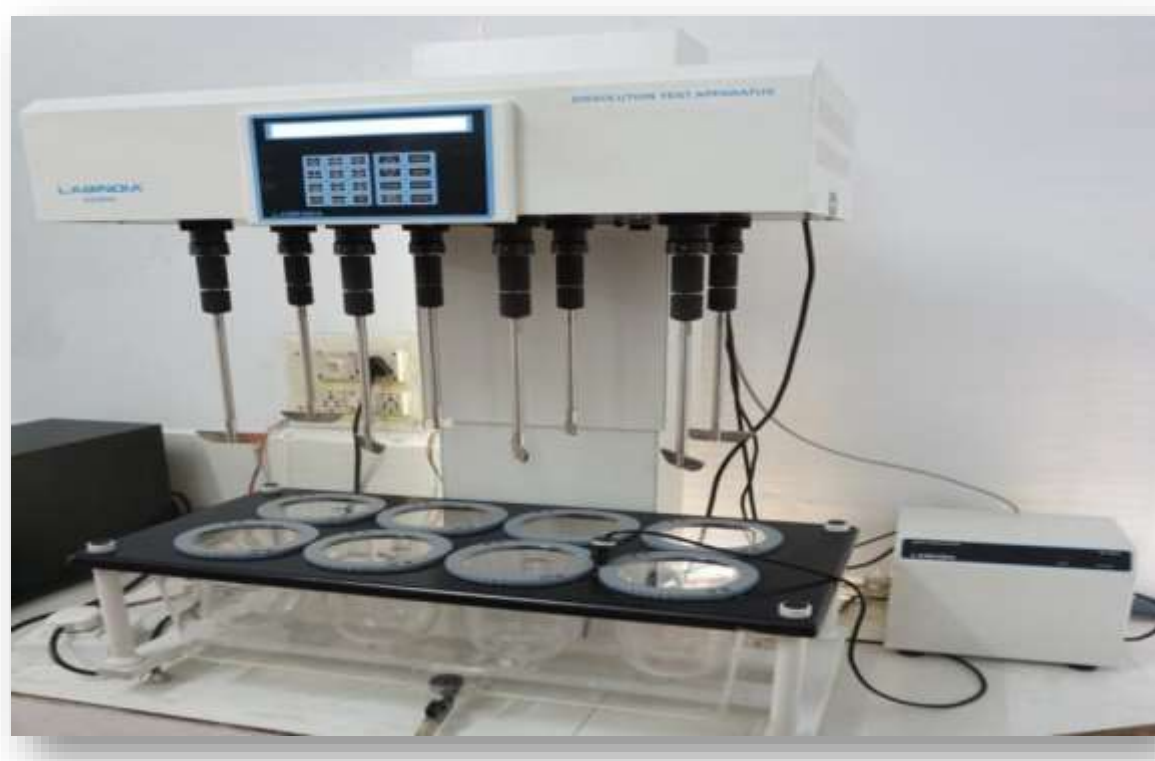
PFIZER HARDNESS TESTER



FRIABILATOR / FRIABILITY TESTING APPARATUS



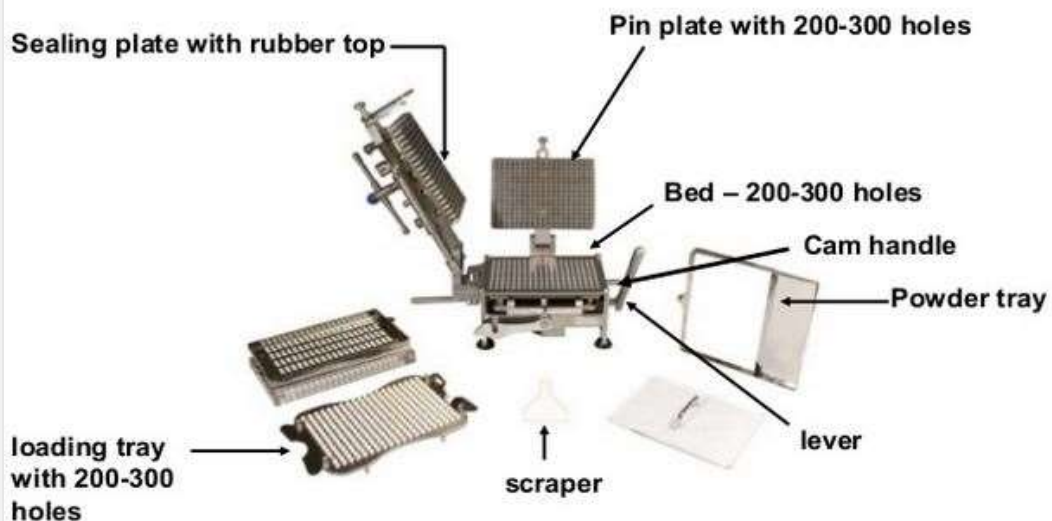
DISINTEGRATION TEST APPARATUS



DISSOLUTION TESTING APPARATUS, ROTATING PADDLE (USP TYPE II)



MULTIPURPOSE R&D EQUIPMENT



CAPSULE FILLING MACHINE (MANUAL)



OINTMENT TUBE FILLING & CRIMPING MACHINE



VOLUMETRIC LIQUID FILLING MACHINE



AMPOULE FILLING & SEALING MACHINE



AMPOULE CLARITY TESTING APPARATUS



**DIGITAL pH /
CONDUCTIVITY METER**



AUTO KF TITRATOR



**VISUAL MELTING POINT
APPARATUS**



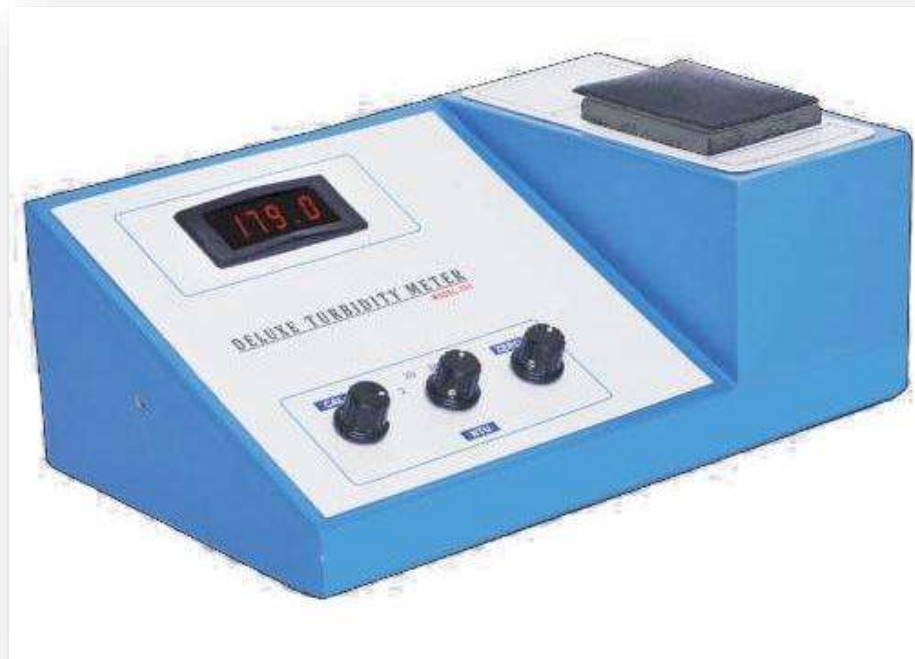
POLARIMETER



CENTRIFUGE



ULTRASONICATOR



TURBIDIMETER



COLORIMETER



FLAME PHOTOMETER



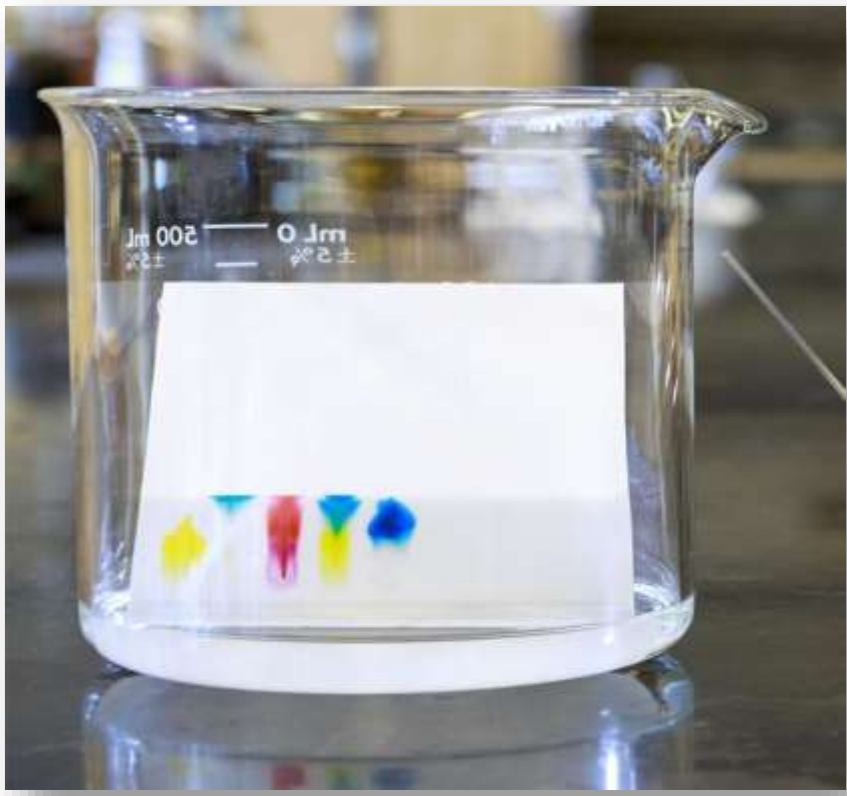
FLUOROMETER



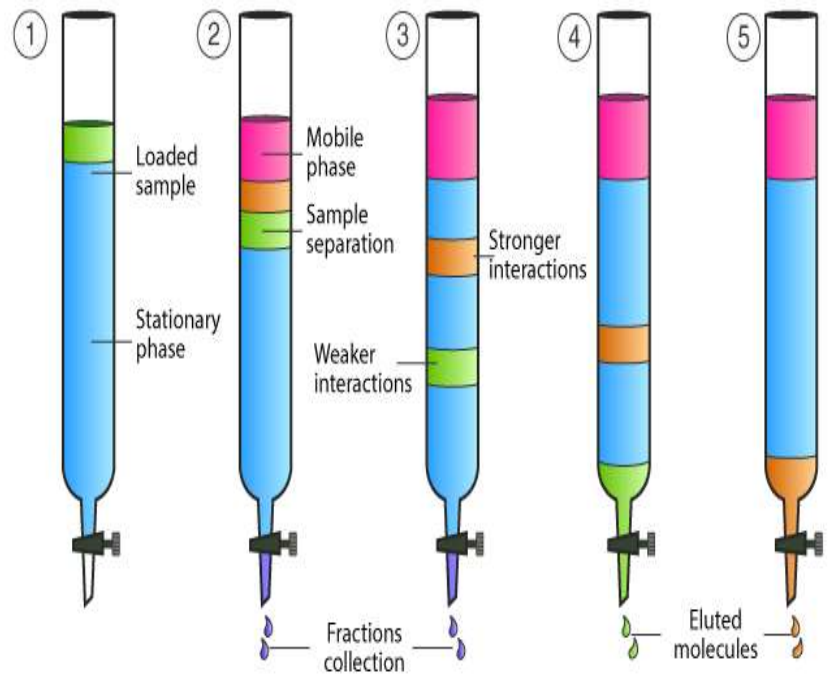
**UV - VISIBLE
SPECTROPHOTOMETER**



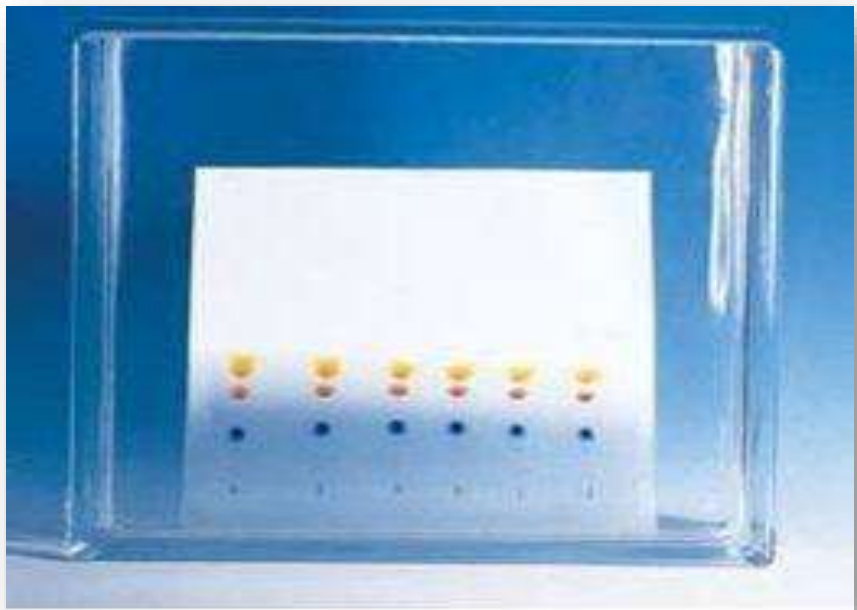
FTIR



PAPER CHROMATOGRAPHY



COLUMN CHROMATOGRAPHY



TLC



HPTLC



GAS CHROMATOGRAPHY



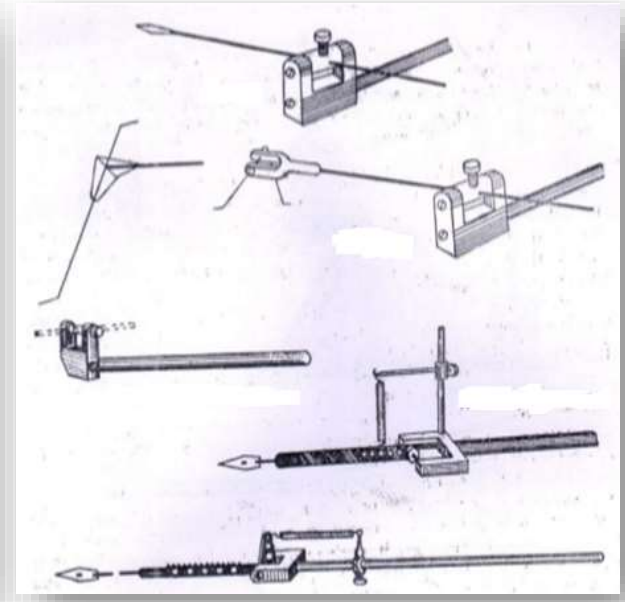
HPLC



STUDENT ORGAN BATH



SHERRINGTON ROTATING DRUM



DIFFERENT LEVERS



RESTRAINERS



METABOLIC CAGE



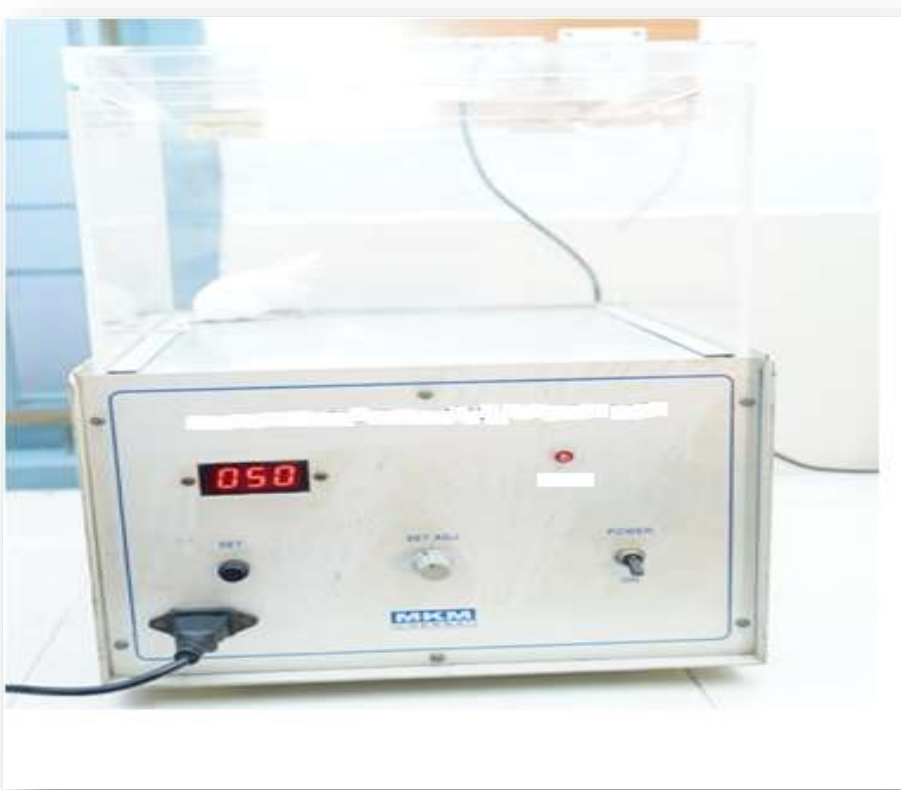
PLEXI GLASS CAGE



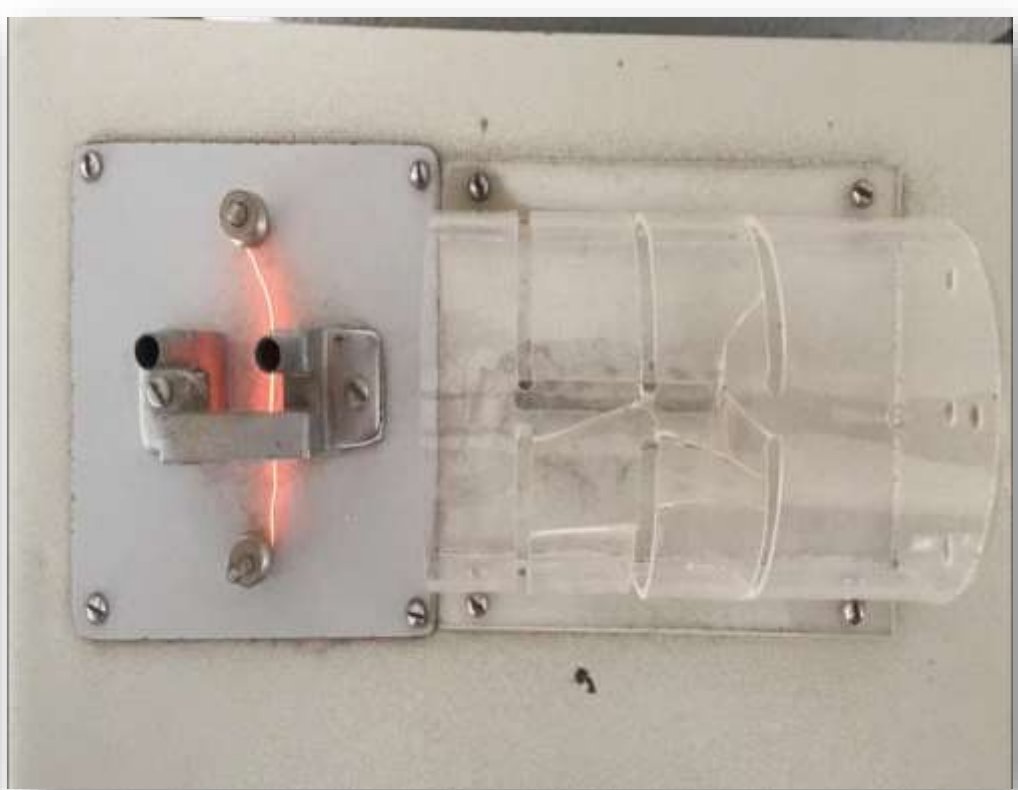
PLETHYSMOMETER



MICROTOME



**ANALGESIOMETER/
EDDY'S HOT PLATE.**



TAIL FLICK APPARATUS



**COOK'S POLE CLIMBING
APPARATUS**



ACTOPHOTOMETER



ROTAROD APPARATUS



SEMI-AUTO ANALYZER



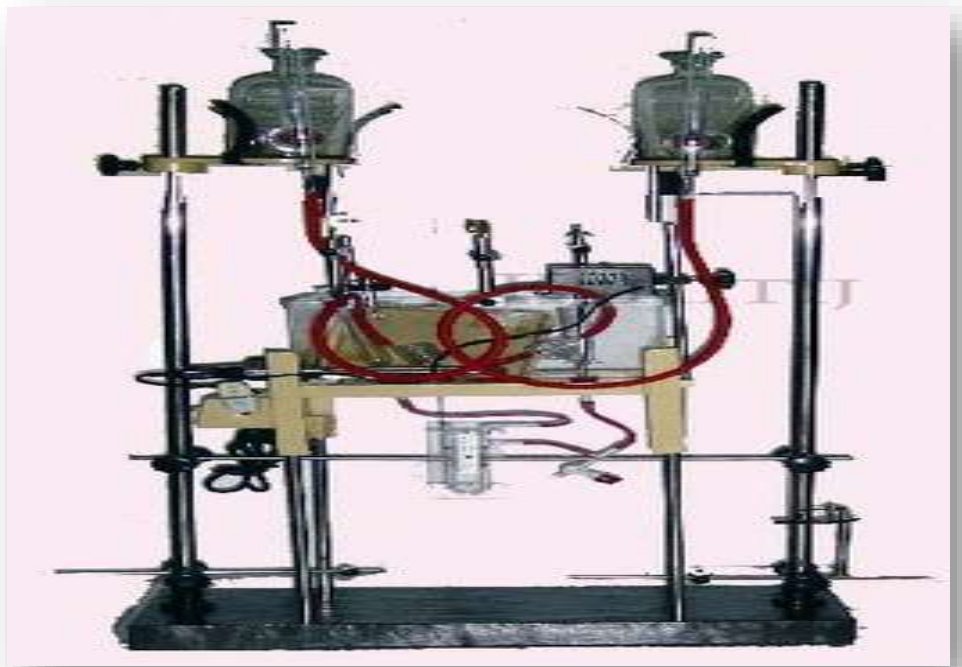
**3 PART DIFFERENTIAL
HEMATOLOGY
ANALYZER**



ELECTRO CONVULSIOMETER



HISTAMINE CHAMBER



LAGENDROFF ASSEMBLY



ELEVATED PLUS MAZE



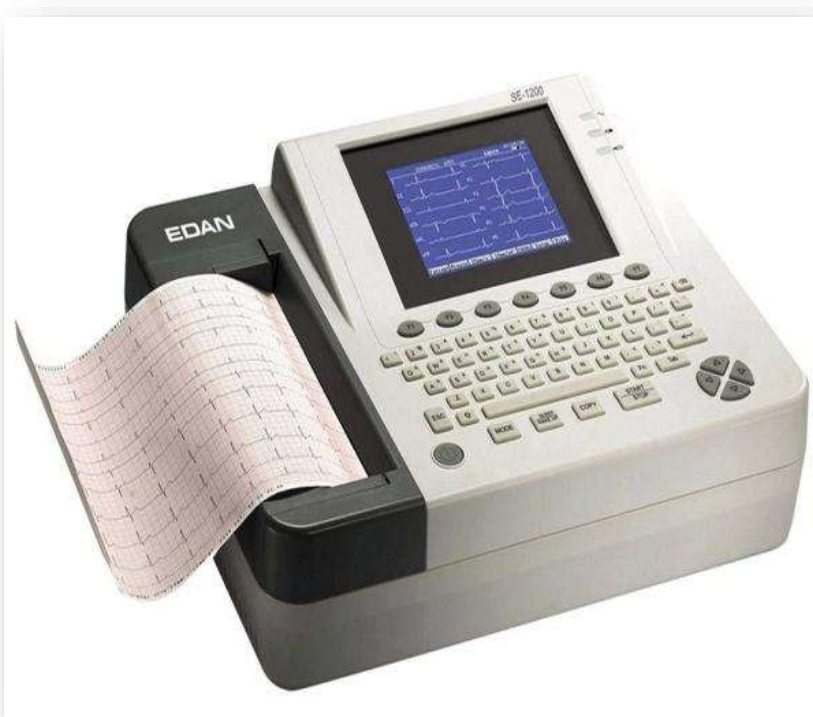
STEREOTAXIC INSTRUMENT



GLUCOMETER



INSULIN SYRINGE



ECG MACHINE.



STHETOSCOPE



INHALER



NEBULIZER

Quiz on

Reboot your knowledge about

Pharma Equipment and

Instruments

INSTRUCTIONS

1. The Quiz consists of 25 questions in which 20 are Multiple choice and 5 are true or false type.
2. This quiz is exclusively for the students of Pharmaceutical Sciences.
3. Each question carries equal marks.
4. To be awarded with an e-certificate, a **minimum of 50% of marks** are to be scored.
5. If eligible, the **e-certificate** will be emailed immediately after taking the test.
6. Please provide the full name as to appear in the certificate and the correct e-mail address.
7. Three links for the same quiz are given below. Each link is capable of providing 100 certificates per day and then gets exhausted for the day. You may try any link and if all the links are exhausted for the day, please try again the next day.

LINKS FOR THE QUIZ

Link 1: <https://forms.gle/8Bzh9q2vCadgaFTLA>

Link 2: <https://forms.gle/eGMdwXHo1k1AHdxs8>

Link 3: <https://forms.gle/izsNWUsZ9Yds5Kr69>