

Department wise List of Minimum equipments required for

D. Pharm

PHARMACEUTICS

Sl. No.	Name
1	Continuous Hot Extraction Equipment
2	Conical Percolator
3	Tincture Press
4	Hand Grinding Mill
5	Disintegrator
6	Ball mill
7	Hand operated Tablet machine
8	Tablet Coating Pan unit with hot air blower laboratory size
9	Polishing pan laboratory size
10	Monsanto's hardness tester
11	Pfizer type hardness tester
12	Tablet disintegration test apparatus IP
13	Tablet dissolution test apparatus IP
14	Granulating sieve set
15	Tablet counter – small size
16	Friability tester
17	Collapsible tube – Filling and sealing equipment
18	Capsule filling machine – Lab size
19	Digital balance
20	Distillation unit for distilled water
21	Deionisation unit
22	Glass distillation unit for water for injection
23	Ampoule washing machine
24	Ampoule filling and sealing machine
25	Sintered glass filters for bacterial proof filtration (four different grades)
26	Millipore filter (3 grades)
27	Autoclave
28	Hot air sterilizer
29	Incubator
30	Aseptic cabinet
31	Ampoule clarity test equipment
32	Blender

33	Sieves set (Pharmacopoeial standard)
34	Lab Centrifuge
35	Ointment slab
36	Ointment spatula
37	Pestle and mortar porcelain
38	Pestle and mortar glass
39	Suppository moulds of three sizes
40	Refrigerator

PHARMACEUTICAL CHEMISTRY

Equipment:

Sl. No.	Name
1	Refractometer
2	Polarimeter
3	Photoelectric colorimeter
4	pH meter
5	Atomic model set
6	Electronic balance
7	Periodic table chart

PHYSIOLOGY & PHARMACOLOGY LABORATORY

Equipment:

Sl No.	Name
1	Haemoglobinometer
2	Haemocytometer
3	Student's organ bath
4	Sherington's rotating drum
5	Frog board
6	Tray (dissecting)
7	Frontal writing lever
8	Aeration tube
9	Telethermometer
10	Pole climbing apparatus
11	Histamine chamber
12	Simple lever
13	Staring heart lever
14	Aerator

15	Histological Slides
16	Sphygmomanometer (B.P. apparatus)
17	Stethoscope
18	First aid equipment
19	Contraceptive device
20	Dissecting (surgical) instruments
21	Balance for weighing small Animals
22	Kymograph paper
23	Actophotometer
24	Analgesiometer
25	Thermometer
26	Plastic animal cage
27	Double unit organ bath with thermostat
28	Refrigerator
29	Single pan balance
30	Charts
31	Human skeleton
32	Anatomical specimen (Heart, brain, eye, ear, reproductive system etc.)
33	Electro-convulsiometer
34	Stop watch
35	Clamp, boss heads, screw clips
36	Syme's Cannula

PHARMCOGNOSY LABORATORY

Equipments:

Sr. No.	Name
1	Projection Microscope
2	Charts (different types)
3	Models (different types)
4	Permanent Slides
5	Slides and Cover Slips

PHARMACY PRACTICE LABORATORY

Equipment:

Sl No.	Name
1	Colorimeter
2	Microscope
3	Permanent slides (skin, kidney, pancreas, smooth muscle, liver etc.,)
4	Watch glass
5	Centrifuge
6	Biochemical reagents for analysis of normal and pathological constituents in urine and blood facilities
7	Filtration equipment
8	Filling Machine
9	Sealing Machine
10	Autoclave sterilizer
11	Membrane filter
12	Sintered glass funnel with complete filtering assemble
13	Small disposable membrane filter for IV admixture filtration
14	Laminar air flow bench
15	Vacuum pump
16	Oven
17	Surgical dressing
18	Incubator
19	PH meter
20	Disintegration test apparatus
21	Hardness tester
22	Centrifuge
23	Magnetic stirrer
24	Thermostatic bath