

Glassware Requirements for B.Sc. Chemistry Lab

1. Air condenser
2. Beaker (10, 50, 100, 150, 250, 400, 500ml)
3. Boiling tube
4. Burettes (10, 25, 50ml)
5. Conical flask (100, 250, 500 ml)
6. Desiccators (110mm, 200mm, 300mm)
7. Erlenmeyer flask(250ml, 500ml)
8. Filtering flask(50, 100, 250, 500ml)
9. Funnels (25mm, 35mm, 50mm)
10. Glass trough (404×257×61, 350×200×58)
11. Graduated pipette (1ml, 5ml, 10ml, 20ml, 25ml)
12. Measuring cylinder (5ml, 10ml, 25ml, 50ml, 100ml,
13. Pipette (10 ml, 20ml, 25ml)
14. Round bottom flask
15. Separatory funnel (125ml, 250ml, 500ml, 1l)
16. Silica Crucible
17. Sintered glass crucible (15ml, 30ml)
18. Spraying bottle
19. Test tube (25×200)
20. Volumetric flask
21. Wash bottle for distilled water
22. Watch glass
23. Water condenser
24. Weighing bottle

Apparatus Requirements for B.Sc. Chemistry Lab

25. Balance (Analytical)
26. Balance (Rough)
27. Buchner Funnel 4^M diameter
28. Bunsen burner (gas)
29. Burette stand with clamp
30. Carboy (Polythene) 20, 30 Litres with tap/ without tap
31. China Dish
32. Conductometer
33. Copper bath
34. Cork Borer (Set of Six)
35. Crystallising Dishes 9 cm dia/10 cm dia
36. Deionizers/ Distilled water stills
37. Drying cone
38. Drying Oven
39. Filter Pump glass/ polythene/ metal
40. First aid box (medium size)
41. Fractional Weights box (Analytical)
42. Glass Column
43. Glass Jar, with lid and hooks for paper chromatography
44. Glazed Tiles

45. Iodine flask 250 ml (B-24 Joint)
46. Iron stands
47. Kipp's Apparatus Glass / Polythene 1 lit. Cap.
48. Measuring (standard) Flask 250 ml/100 ml
49. Measuring cylinder 1 lit, 250 ml, 10 ml, 100 ml
50. Melting point apparatus
51. Melting point tube (Theile)
52. Mortar and Pestle
53. Pair of tongs 6^M
54. Pestle and Mortar Porcelain
55. Petrol gas plant
56. pH Meter
57. Polythene/ Glass trough
58. Porcelain Buchner funnel
59. Quick fit distillation set (50 ml R.B. Flask, B -14 Joint)
60. Sand Bath
61. Semimicro kit
62. Spatula Nickel /Horn size 6^M both ends flat
63. Spectrophotometer / Colorimeter
64. Spirit Lamps
65. Stop Watch
66. Test Tube Holders
67. Test tube stand
68. Thermometer 360° C, 110°C
69. Thermos flask wide mouth 500 ml cap.
70. TLC kit
71. TLC Sprayer
72. Triangular file
73. Tripod Stand
74. Water Bath with rings 6^M diameter
75. Weight Box (Analytical)