



Model: PC-10

Specifications

- First time in India and in-house R & D of complete one year, we, M/s Laby had developed paper Chromatography Kit. Hence we are the sole manufacturer of Model-PC-10 Paper Chromatography Kit in the world.
- We have also applied for its patent.
- It is required in Colleges, Medical Colleges, Research Institutes for detection of R_F Value.

Technical Parameter

- **Paper Chromatography Cabinet:** It is made of single piece bakelite moulding. The inner size of cabinet is 6" x 8" x 9" with front sliding glass door. The lid of cabinet is also made of bakelite.
- **Stainless Steel Solvent Pot:** It is made of 316 Quality S.S. It is having the volume capacity of 150 ml. It is required to hold the solvent mixture.
- **Stainless Steel Hanger:** It is a stainless Steel rod of size 6" and dia 2mm. It is used as hanger of Chromatography paper. It fits inside the grooves of the cabinet.
- **Chromatography Paper "1-Chro":** It is the world standard Chromatography paper. A smooth surface, 0.18mm thick with linear flow rate (water) of 130 mm/30 min. Good resolution for general analytical Separation and having following special features.
 - * Simultaneous development of multiple samples on the same sheet under identical conditions.
 - * Sequential development of the same sample with solvent or different concentrations of the same solvent.
 - * Suitability for two-dimensional chromatography (change in direction of the solvent front) with possible improved resolution.
- **Drying Stand:** One stand is supplied to accommodate processed (wet) Chromatography Paper and to put it in oven to dry the same.
- **Glass Sprayer with Rubber Balloon:** The sprayer is made of Borosilicate Glass, specially designed for spraying the indicators on Chromatography Paper. A rubber balloon is connected to it.
- **Glass Syringe:** Glass syringe capacity 20ml. is provided to draw the solvent from S.S. Pot after practical is over.
- **TLC Capillary:** Pkt. of 25 high quality fine capillaries are supplied with cabinet.