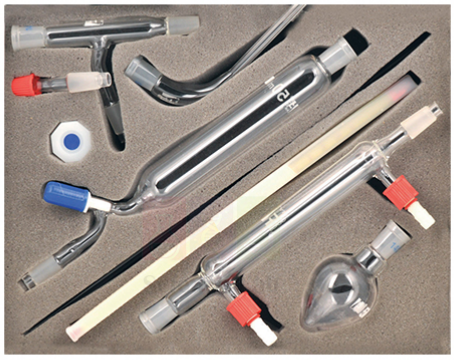
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Product Name :

Organic Chemistry Kit

Product Code :

SLE/CH/106



Description :

Organic Chemistry Kit (Product Code: SLE/CH/106) is a compact set of apparatus for small-scale organic preparations and purifications, built around a 50 ml pear-shaped flask. With a still head, Liebig condenser, receiver adaptor, 50 ml dropping funnel and thermometer, students can assemble a simple distillation, add a reagent dropwise to a reaction, or set the condenser upright for heating under reflux, all from one kit. It is used in senior secondary and undergraduate organic chemistry practicals. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, for institutions looking for laboratory distillation apparatus in India and international markets.

Specifications

Parameter	Detail
Flask	1 pear-shaped flask, 50 ml
Still head	1
Air leak / stream inlet	1
Dropping funnel	1, 50 ml, with GP rotaflow tap
Stopper	1
Condenser	1 Liebig condenser
Screwcap adaptor	1
Receiver adaptor	1
Thermometer	1

Typical Use

For a simple distillation, the pear-shaped flask is clamped over the heat source, the still head fitted on top with the thermometer held through the screwcap adaptor at the side-arm level, and the Liebig condenser connected to the side arm with the receiver adaptor directing distillate into a collecting vessel. For a preparation, the dropping funnel with its rotaflow tap sits on the flask so a reagent can be added a little at a time while the mixture is heated or stirred; the stopper closes any unused opening, and the air leak inlet provides a controlled gas or air entry point where a procedure calls for one.

Clamp both the flask and the condenser, run cooling water in at the lower end of the condenser and out at the upper end, add anti-bumping granules before heating, and never heat a completely closed system. Because the flask holds 50 ml, reagent quantities stay small, which suits college labs and schools working under budget or safety limits. Departments buying from a chemistry lab instruments supplier often pair the kit with stands and clamps so each bench is complete.

Manufacturer

This kit is manufactured by **Jain Scientific Equipments Private Limited**, operating as **Scien** ogy teach

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