Email : sales@scilabexport.com
Phone: +91-7082934803

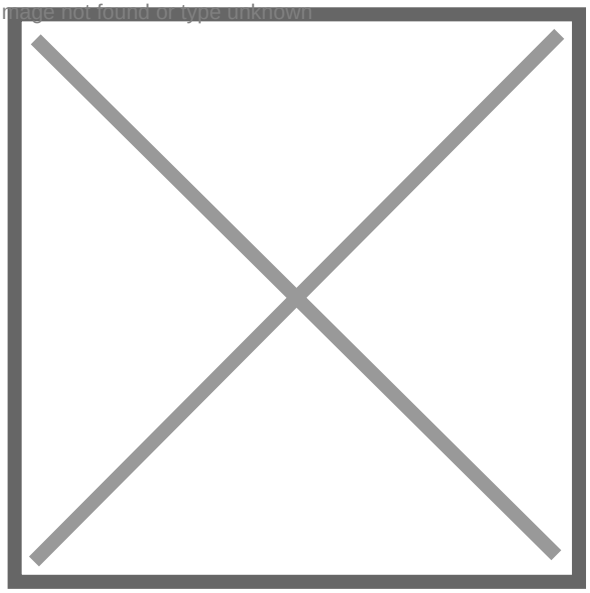
Product Name :

Vacuum Filtration Equipment

Product Code :

SCI-077/014

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Science Lab
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Phone: +91-7082934803

Description :

Vacuum Filtration Equipment (Product Code: SCI-077/014) is a suction filtration set used to separate solids from liquids quickly under reduced pressure in school and college chemistry laboratories. It brings together a conical flask with side tube, a porcelain Büchner funnel, a water pump for vacuum and a three-nozzle Woulff bottle, so students can collect crystals and precipitates much faster than by gravity filtration. This chemistry lab equipment is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Filter flask	Conical flask (pot) with side tube
Funnel	Porcelain hopper for vacuum filtration (Büchner funnel)
Vacuum source	Water pump for vacuum
Safety trap	Three-nozzle bottle (Woulff bottle)
Connections	Rubber tubes and plastic pipes
Seals	Rubber stoppers
Product code	SCI-077/014
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Vacuum Filtration Set Used For?

The Büchner funnel sits in a rubber stopper on the side-tube flask, and the side tube is connected by tubing to the Woulff bottle and then to the water pump on a running tap. The fast water stream draws air out of the system, so the liquid is pulled through the filter paper while the solid stays on the paper as a compact, easily washed cake. The Woulff bottle works as a trap that stops tap water being sucked back into the filtrate if the water pressure drops.

Typical uses include collecting crystals after recrystallisation, washing precipitates and separating solids in preparation experiments, which makes the set standard lab equipment for college practical courses. Lay a filter paper circle flat over all the funnel holes and wet it before pouring, and always disconnect the tubing before closing the tap.

What to Specify When Ordering

- The number of complete sets for your laboratory.
- Whether filter paper should be quoted too (ask us to confirm the circle size that suits the funnel).
- Any spare rubber tubes, stoppers or funnels you want for heavy use (ask us about availability).

OEM

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