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Product Name :

Buchner Funnel, 90 mm, Porcelain

Product Code :

SLE/GF/03



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Description :

Buchner Funnel, 90 mm, Porcelain (Product Code: SLE/GF/03) is a one-piece porcelain funnel for vacuum filtration, with a flat perforated filter platform 90 mm in diameter and a capacity of about 200 ml. Paired with a filter flask and a vacuum source, it pulls liquid rapidly through a flat filter paper, leaving crystals or precipitate as a dry cake — much faster than gravity filtration. A core item of chemistry lab equipment for college, university and pharmacy practicals, it is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Material	Porcelain — durable, acid and alkali resistant, easy to clean, autoclavable
Construction	One-piece design
Diameter	90 mm
Capacity	About 200 ml
Stem	Tapers from about 22 mm OD at the end to 30 mm OD at the cone
Filter platform	Dozens of small holes, each about 1/8 inch
Filter paper	Order with 11 cm filter paper, cut down to fit
Application	Vacuum filtration

Typical Use

The funnel is pushed into a rubber bung seated in the neck of a filter flask, and the flask's side arm is connected to a vacuum pump or water aspirator with thick-walled tubing. A filter paper is laid flat on the perforated platform so that it covers every hole without curling up the sides, wetted with a little solvent to seal it, and the vacuum is switched on before the mixture is poured in. This is the standard way to collect product after a crystallisation, wash it with cold solvent and draw air through the cake to dry it.

Because 11 cm filter paper is larger than the 90 mm platform, trim each circle to size before use. When the filtration is finished, release the vacuum at the flask before switching off the pump to avoid suck-back. Porcelain resists acids and alkalis and can be autoclaved, so the funnel can be cleaned thoroughly and reused over many sessions.

Manufacturer

This funnel is manufactured by **Jain Scientific Equipments Private Limited**, better known by its trade name **ScienceLab**, from its base in Ambala, Haryana. The company makes laboratory apparatus for educational institutions and laboratories in India and international markets — see our company profile.

Related Laboratory Equipment

Every

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