Science Lab

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Product Name :

Autoclave Basket

Product Code :

SLE/CH/07



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Description :

Autoclave Basket (Product Code: SLE/CH/07) is a stainless steel basket with 3 mm diameter perforations that holds glassware, media bottles, instruments and waste bags inside an autoclave during steam sterilisation. The perforated walls let steam circulate around the load and allow condensate to drain away, while the basket makes it easy to load and unload hot items in one go. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, in five diameter and height combinations to suit different chambers used with an autoclave sterilizer in India and overseas.

Specifications

Parameter	Detail
Material	Stainless steel
Perforation	3 mm diameter
Size 1	210 mm dia. x 150 mm high
Size 2	220 mm dia. x 240 mm high
Size 3	280 mm dia. x 200 mm high
Size 4	380 mm dia. x 280 mm high
Size 5	480 mm dia. x 220 mm high

Typical Use

In microbiology, pharmacy and biology labs, the basket is loaded on the bench with the items to be sterilised — loosely capped media bottles, plugged flasks, pipette containers, instruments or waste in autoclave bags — and then lowered into the chamber as one unit. After the cycle, the whole load lifts out together, which reduces handling of individual hot items. Leave space between items so steam can reach every surface, avoid packing the basket tight to the rim, and mark loads with indicator tape so sterilised and unsterilised items are never mixed up.

Choosing the right size matters: the basket diameter must be smaller than the chamber opening, and the height should leave clearance below the lid. The smaller 210 mm and 220 mm baskets suit compact vertical or portable units, while the 380 mm and 480 mm versions are intended for larger chambers. Stainless steel tolerates repeated steam cycles; rinse off spilled media and dry the basket after use to keep the perforations clear. Microbiology lab equipment buyers often order two baskets per autoclave so one can be loaded while the other is in the cycle.

Manufacturer

Jain Scientific Equipments Private Limited uses the trading name ScienceLab and makes laboratory apparatus at Ambala, Haryana, for schools, colleges, hospitals and research labs. Learn more on the company profile.

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