



Email : sales@scilabexport.com

Phone: +91-7082934803

Product Name :

Liebig Condenser

Product Code :

SLE/CH/148



Website: <https://scilabexport.com>, **Email:** sales@scilabexport.com

1226/1-5, Bengali Mohalla, Science Market, Ambala Cantt. Harvana 133001, India



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Description :

Liebig Condenser (Product Code: SLE/CH/148) is a straight, water-cooled condenser in borosilicate glass, with the inner tube integral with the body and a 200 mm jacket length. Its narrow jacket keeps the cooling water flowing close to the inner tube for efficient cooling, so hot vapour passing through is turned back into liquid quickly during distillation or reflux. School chemistry labs, college practical rooms and teaching laboratories use it as a standard part of their glassware, and it is a common requirement for buyers looking for a Liebig condenser in India. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Material	Borosilicate glass
Construction	Inner tube integral with body
Jacket length	200 mm
Jacket design	Narrow jacket for efficient cooling

Typical Use

In a simple distillation the condenser is clamped at a downward slope between the still head and the receiver, so condensed liquid runs out of the lower end into the collecting flask. Cooling water goes in at the lower connection and out at the upper one, which keeps the jacket completely full and gives the best cooling along the full 200 mm length. Because the inner tube is integral with the body, there is no separate seal between tube and jacket that could loosen or leak with repeated heating.

Clamped vertically above a boiling flask, the same unit works as a reflux condenser in the lab, returning condensed solvent to the reaction so it can be heated for longer without boiling dry. Start the water flow before switching on the heat, keep the flow steady rather than fierce, and hold the condenser with a clamp around the middle of the jacket. Let the glass cool before draining and dismantling, and never run cold water through a condenser that has been heated while dry.

Manufacturer

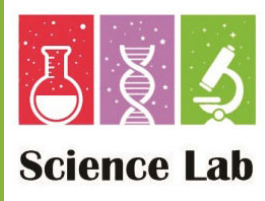
ScienceLab is the name under which Jain Scientific Equipments Private Limited, an Ambala, Haryana manufacturer of laboratory glassware and teaching apparatus, is known to customers. A Liebig condenser is also part of the company's Fractional Distillation Assembly, so labs using that set can order a spare from the same source after checking the joint size with us. Institutions in India and international markets can find more on our [company profile](https://scilabexport.com).

Related Laboratory Equipment

A condenser is one part of a distillation or reflux set-up; these items make up the rest of that work

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