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Phone: +91-7082934803

Product Name :

Oven, 43 litre

Product Code :

SLE/LI/24



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Description :

Oven, 43 litre (Product Code: SLE/LI/24) is a forced-convection laboratory hot air oven used to dry glassware, samples and materials at controlled temperatures in school and college laboratories. It suits science departments that need a mid-sized chamber, circulating air through a side air channel and working from 10 °C above room temperature up to 250 °C. The oven is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Chamber capacity	43 litre
Air circulation	Forced convection through a side air channel
Operating temperature range	Room temperature +10 °C to 250 °C
Temperature resolution	0.1 °C
Temperature fluctuation	± 1 °C
Temperature distribution accuracy	± 2.5%
Intended use	School laboratory drying and heating work
Product code	SLE/LI/24
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 43 Litre Lab Oven Used For?

In a school or college laboratory the oven handles the everyday heating jobs that a hotplate cannot: drying washed glassware, bringing soil, food or chemical samples to constant weight, drying precipitates before weighing and dry-heat treatment of glassware. Forced convection moves heated air around the chamber, so trays on different shelves dry at a similar rate and results are easier to compare between student groups.

For accurate drying, preheat the oven to the set point, load items with space between them for air to circulate, and avoid opening the door more often than necessary. Never place flammable solvents or sealed containers inside, and let hot glassware cool on a heat-resistant surface. Handle trays with gloves or tongs, because the chamber and shelves reach the set temperature.

What to Specify When Ordering

- The highest working temperature your practicals need, to confirm the 250 °C ceiling is enough.
- The number of shelves or trays you would like, as the listing does not state them.
- Your mains supply and the number of ovens required for each laboratory.

Supplier

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