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

Product Name :

Classic Standard Autoclave

Product Code :

SLE/LA/06



Science Lab
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Phone: +91-7082934803

Description :

Classic Standard Autoclave (Product Code: SLE/LA/06) is a compact 12 litre laboratory autoclave sterilizer used to sterilise culture media safely in school and college biology laboratories. Designed for educational use, it runs at 121°C with a minimum sterilising time of 22 minutes, starts with a one-touch button and has an interlock lid that stays shut until the inside has cooled to a safer level. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, for labs choosing a laboratory autoclave sterilizer in India.

Specifications

Parameter	Detail
Capacity / chamber capacity	12 litres
Chamber diameter × height	210 mm × 318 mm
Sterilising temperature	121°C
Minimum sterilising time	22 minutes
Operating pressure	1.05 bar
Maximum instrument length	290 mm
Maximum load weight (unwrapped)	4 kg
Overall size (max)	340 mm wide × 420 mm high
Net weight (max)	4.3 kg
Electrical	230 V, 1500 W, 50–60 Hz
Controls	One-touch button operation
Safety	Interlock lid — cannot be opened until the internal temperature has fallen to a safer level
Product code	SLE/LA/06
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Classic Standard Autoclave Used For?

Its temperature, pressure and cycle time were chosen around media work, so the usual routine is: mix nutrient agar or broth in flasks or bottles, loosen the caps, load the chamber and press the button. The cycle then runs through on its own, and the interlock keeps the lid closed while the contents are still hot enough to boil over or crack glass — a safeguard that matters when students are nearby. Once the lid releases, the media can be cooled and poured into plates for inoculation experiments.

At just over 4 kg and 340 mm wide, it fits on a prep-room bench and can be carried between room
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