



# Laboratory Incubator



SaiLab Equipment's **Laboratory Incubator** provides a temperature - controlled environment for the growth of microbes. The incubator has a double-walled construction with an outer body that is MS powder - coated. It comes with a PID controller for accurate temperature control and a safety thermostat. The equipment is secured with glass wool insulation and has an audible alarm.

## APPLICATION

- Temperature testing is an essential part of R & D, Microbiology departments and formulation development.
- It helps to generate information based on which proposals are made for the shelf life of drug substances and products and recommended storage condition.
- Temperature data are required to be submitted as a part to the regulatory agencies for licensing approval.

## CONSTRUCTION FEATURES

- Thick Puff insulated panels to maintain a constant temperature.
- Distributed unique air flow system for maximum uniformity of temperature through out the chamber.
- Full Glass Door View & chamber illumination.

## CONTROL FEATURES

- Microprocessor based PID controller (Temperature controller) with high accuracy of  $\pm 0.2$  °C.
- Three wire RTD sensors.
- Safety Controller system for Temperature overshoot & undershoot with buzzer & LED in case of temperature controller fails.
- Additional Safety thermostat provided to prevent the temperature overshoot in case the safety controller fails.
- Printer/PC interface for online/offline print of data.
- Printout directly to Dot matrix printer or through a PC with data storage capacity of 2500 readings with print interval settable from 1-255mins.
- Sailab Equipment Data Management 21 CFR Part 11 compliance Software.
- Power off/Power resumed remark in software.
- Complete IQ, OQ and PQ documentation & operating manual.

## TECHNICAL SPECIFICATIONS

- Available in GMP and standard models.
- GMPmodel: Inside S.S 304 mirror finish and outside S.S 304 Mat finish.
- Standard model: Inside S.S 304 mirror finish and outside mild steel powder coated.
- Other sizes available as per requirement.



### OPTIONAL ACCESSORIES

- Scanner (Data logger) with 4 or 8 sensors for continuous scanning of temperature uniformity.
- Mobile alert through GSM.
- Door Access Security System.
- Imported linear type Temperature sensors.

### AVAILABLE CAPACITY

Model No.	Size(WxDxH) in inches	Volume in LTRs	Watt
SLI - 09	18" x 18" x 18" 45 x 45 x 45	90	1750 W
SLI - 12	18" x 18" x 24" 45 x 45 x 60	120	2000 W
SLI - 21	24" x 24" x 24" 60 x 60 x 60	215	2500 W
SLI - 25	18" x 24" x 36" 45 x 60 x 90	250	3000 W
SLI - 32	24" x 24" x 36" 60 x 60 x 90	325	3500 W



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Note: All Dimensions and Specifications are subject to change without prior notice.