

Sterilizer – Thermal Series



THERMAL SERIES – FULLY AUTOMATIC

Application: • Labs • Institutes • Hospitals



Culture media & liquids



Plastics & metal objects



Glassware



Laboratory waste bags

Standard Features:

- Inside & Outside made of Stainless steel 304 with cuboidal body shape.
- Automatic shut off of cycle after completion of sterilization period with automatic steam exhaust
- Microprocessor based PID controller with digital display & PT 100 sensor. Built in Program.
- Display and data logging of FO Value.
- 2 Nos. of stainless steel perforated Basket with Lid.
- Castor wheels for easy movement.
- Guaranteed Soak with Settable Hold Band.
- Self-inflating type leak proof seal.
- Digital display of working status
- Analogue pressure display.
- Online/offline data printing of 1 Temperature + 1 pressure on Thermal Printer
- Built in Thermal Printer with the equipment.
- **Radial wheel type mechanism for easy opening**

Safety Features:

- Password protected operation.
- Spring loaded safety valve for over pressure.
- Door safety lock system-Pressure interlock.
- Temperature high & low Audio-visual alarms.
- Low Water Level indication on display.
- MCS for electrical safety.

Technical Data:

Model	ST34050GR	ST34075GR	ST34100GR
Capacity	50 Liters	75 Liters	100 Liters
Working Pressure	30 PSI / 0.23 Mpa.		
Control System	PID Controller		
Printing	Thermal Printer		
Working Temperature / Accuracy	134°C / ±1°C		
Uniformity	±1°C		
Timer	1 to 999 minutes (Built in)		
Accessories	2 Nos stainless steel perforated basket with lid.		
Power	3KW/230VAC/50Hz	4.5KW/230VAC/50Hz	4.5KW/230VAC/50Hz
Chamber Size (Internal)	Dia. 340 x 550 H (mm)	Dia. 400 x 600 H (mm)	Dia. 440 x 650 H (mm)
Overall Dimension (mm)	510 x 470 x 1130	510 x 470 x 1130	540 x 560 x 1250
Packing dimension (mm)	590 x 590 x 1280	590 x 590 x 1280	680 x 630 x 1370
Net Weight/ Gross Weight	68/88 kg	80/100 kg	85/110 kg



Built in Thermal Printer

Global Presence In More than 85 Countries



Awards

- Award for Leaders in Sustainable Stability Chambers For reducing electrical consumption by 60% & water consumption by 90%
- Best Innovation In Sustainability
- India Design Mark Award



Complete after sales service provided such as installation, calibration, validation, repairs, modification & annual maintenance contracts.



This NABL accredited laboratory is equipped to carry out on site calibration & validation of various parameters like temperature, relative humidity, pressure, vacuum, dimension etc.

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Unit II



Unit I



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