

55 years of
excellence



Sterilizer – Pulsating Vacuum Series



PULSATING VACUUM SERIES (CLASS B) - FULLY AUTOMATIC

Application: • Labs • Institutes • Hospitals



Culture media & liquids



Plastics & metal objects



Glassware



Laboratory waste bags

Standard Features:

- Inside & outer body of Stainless steel 304
- Microprocessor controlled digital controller with digital display of working status, (touch type key function)
- Dynamically displays the temperature, pressure, time, vacuum rate & cycle status.
- Controls fully automatic route of water inlet, pulse vacuum heating, sterilizing, draining, exhaust & vacuum drying.
- 3 times pulse vacuum. The vacuum rate will reach -0.081 MPa follows with complete extraction of inner air for the dressing A and B type hollowed appliance.
- Provided with 4 fix programs for Appliances, Medical dressing, Rubber & Fluid Media.
- Auto start of cycle on resumption of power supply
- Guarantee soak with settable hold band.
- Data logging of control sensor, pressure sensor and FO value.
- Multiple pulse vacuum drying after sterilization cycle for optimum results.
- Automatic shut off of cycle after completion of sterilization period with automatic steam exhaust.
- Provided with 2 Nos, of stainless steel perforated basket with Lid
- Password protected user management software
- Castor wheels for easy movement with Hand wheel type locking mechanism.
- Equipped with PT/TT testing connector for ease of operations alongwith self-inflating type leak proof seal.



Optional Features:

- Can be provided with 0.22 m, Bacteria filter to ensure the air enters the inner vacuum chamber is sterile, avoiding second-time contamination. Most useful for biological waste decontamination and discord cycles.
- Inner SS 316 Chamber (in case of Biosafety application)

Technical Data:

Model	SV34050CS	SV34075CS	SV34100CS
Capacity	50 Liters	75 Liters	100 Liters
Working Pressure	30 PSI / 0.22 Mpa.		
Control System	Microprocessor Digital Controller		
Working Temperature / Accuracy	134°C / ±1°C		
Uniformity	±1°C		
Vacuum	-0.081 MPa		
Filter	Provided for exhaust Steam Filtration		
Steam Generator	Separate steam Generator is provided		
Timer	1 to 999 minutes (Built in)		
Accessories	2 Nos stainless steel perforated basket with lid.		
Power	4.8KW/230V AC/50Hz	5KW/230V AC/50Hz	5.2KW/230V AC/50Hz
Chamber Size (Internal)	Dia. 340 x 550 H (mm)	Dia. 400 x 600 H (mm)	Dia. 440 x 640 H (mm)
Overall Dimension (mm)	660 x 460 x 1160	700 x 510 x 1250	700 x 510 x 1250
Net Weight/ Gross Weight	68/88 kg	80/100 kg	85/110 kg

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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