



## STEAM STERILIZER VERTICAL

Standard models of Vertical autoclave units manufactured by APS lab instruments are available with chamber volumes of **20 liters to 150 liters** that accommodate two and three drums accordingly. These systems are designed for meeting effective sterilization requirements in bacteriological and research laboratories, hospitals and clinics and food and beverage units. The vertical chamber design maximizes space utilization, while microprocessor control system enables comfortable working all the time you operate the machine.

Also called **v steam sterilizers Vertical**, our vertical type autoclaves deliver flexible solutions of steam sterilization in hospitals, clinics and other areas of application, where reliable steam sterilization is a mandatory process. Vertically designed chamber provides guaranty of safe and efficient sterilization even in confined spaces. In order to suit specific application, these units are fabricated as fully GMP stainless steel **double walled construction**; in addition, we also manufacture vertical autoclaves with other configurations, which include stainless steel inner and exterior made of Stainless Steel (SS).

The most important feature that keeps our range of vertical autoclaves top of others is meeting all relevant guidelines and standards such as NABH standards. As an option, we also provide IQ / OQ / PQ calibration documentation with extra cost. These systems are fully customizable and provided with large scope of customization; to meet individual budget, we can equip your vertical autoclave with a number of optional accessories such as temperature chart recorder, digital temperature indicator, PID Controller and provision to attach a dot matrix printer.

### Features:

Tank volume 20 to 150 liters	Equipped with joint less silicon rubber gasket
Provided with immersion type heater	Double wall & GMP construction
Comply with NABL standards	Radial type door locking
Supply with drums (extra cost)	Water level indicator
Easy operation and low maintenance	Digital temperature indicator
IQ / OQ / PQ Documentation (Optional)	Temperature chart recorder (Optional)
Provision to attach dot matrix printer (Optional)	USB interface for data transfer (Optional)

## Specifications:

Model	APS-SSV-20	APS-SSV-40	APS-SSV-50	APS-SSV-85	APS-SSV-100	APS-SSV-150
Internal Tank Capacity	20 Liter	40 Liter	50 Liter	85 Liter	100 Liter	150 Liter
Load	2.00 KW	3.00 KW	3.00 KW	4.00 KW	6.00 KW	9.00 KW
Chamber dimension	10" x 18"	12" x 22"	14" x 22"	16" x 24"	18" x 24"	18" x 30"
Working Pressure	1.2 kgf/cm sq.g (15 psi - 17 psi) (Can be Upgraded up to 30 PSI)					
Sterilizing Temperature	121°C to 134°C (150°C - Optional)					
Heat Average	<=±1°C					
Sterilization Time	25 to 30 Minutes					
Digital Timer	0 to 99 min					
Construction	Double wall & SS GMP construction					
Outer Chamber	Stainless Steel (304 stainless Steel)					
Inner Chamber	304 SS (316 / 316L grades Stainless Steel – Optional)					
Insulation	Air Insulation					
Waste Container	Stainless Steel					
Door / Lid	Foot lifted Pedal lifting with safety and Radial locking device					
Door Locking type	Radial Type					
Water Filling & Removal	Manual					
Safety Features	Radial locking, safety valve, low water detector and pressure interlock					
Optional accessories	<ul style="list-style-type: none"> <li>- PID controller</li> <li>- Low / High water cut-off device</li> <li>- Digital alarm</li> <li>- Temperature chart recorder</li> <li>- Dot Matrix Printer</li> <li>- RS 232 / USB PC Connection Port</li> <li>- NABL certification</li> <li>- Stainless Steel wire mesh carrier</li> <li>- Dressing drum</li> <li>- Sterilization indicator tape</li> <li>- Autoclave bags</li> <li>- PLC control system</li> <li>- IQ / OQ / PQ Documentation</li> </ul>					
Power Supply	220 Volts / 440 Volts					



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