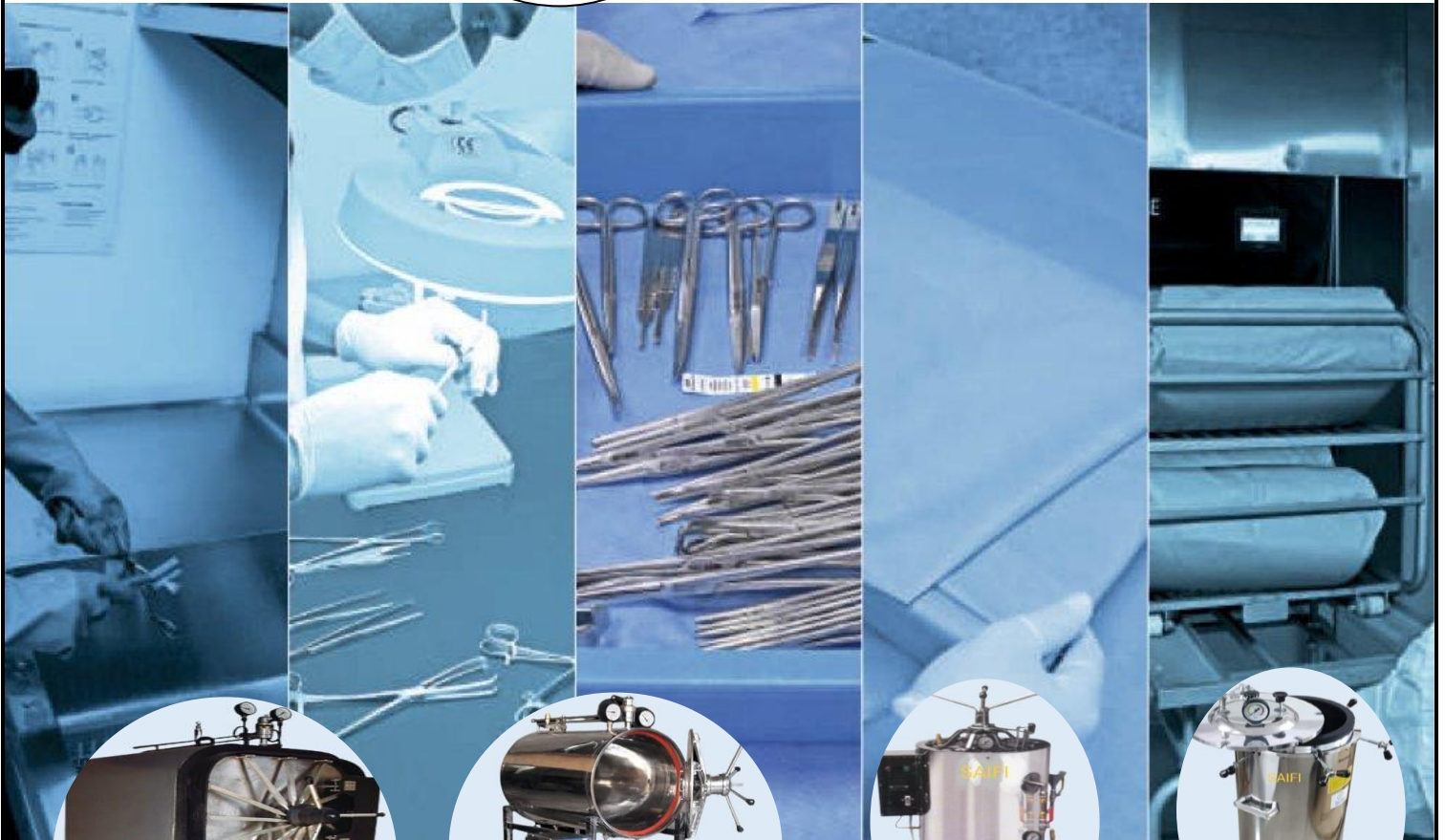




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**- Clinic & Laboratory**  
**- Dental Clinic**  
**- Hospital & Industry**



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## SS-101 HORIZONTAL RECTANGULAR HIGH PRESSURE AUTOCLAVE



### Optional (Additional Features)

- \* Fully automatic PID purging system
- \* Fully automatic system with HMI PLC based autoclave with data logger digital pressure indicator cum controller, digital temperature controlled system can be installed in order.
- \* Multiport Valve

### HORIZONTAL RECTANGULAR HIGH PRESSURE AUTOCLAVE

- \* The inner/outer chamber, jacket, Door, Ring and boiler are made of heavy gauge SS 304 with leak proof argon
- \* The space between the outer chamber and steam jacket is filled with glass wool to minimize thermal losses.
- \* Hydraulically tested to 40 PSI with stand the working pressure 22 PSI.
- \* Steam boiler is fitted with water level indicator pressure gauge. low water cut off device and automatic pressure control devices. Fitted with safety valve as a safety device.
- \* Drain valve is fitted at the side bottom for easy draining/clearing
- \* This affords a complete safety to the working personnel against explosive opening.
- \* Two separate valves are provided for evacuating steam from inner chamber and jacket as and when desired.
- \* Sterilization cycle is controlled by single point multiport valve.
- \* The chamber discharge line is fitted with a moisture trap to absorb the condensate automatically thus preventing moistening of the loaded material to be sterilized.
- \* An automatic vacuum breaker is fitted to all units as a standard accessory in order to break vacuum in case of steam condensation.
- \* The flanged immersion type heating element made from a very high grade material provide fast formation of pressure in the system and are protected through a electric low water level cut off device.
- \* All sterilizers are provided with triple safety features through a \* "Piezostate" (automatic pressure control system and a spring loaded safety valve fitted to the boiler/steam generator.
- \* The chamber is fitted with spring loaded safety valve and a dead weight release valve.
- \* To work on 220/230 or 440 volts, 3 phase, 50 Hz AC supply.

### TECHNICAL SPECIFICATION

Gasket: made of joint less silicon rubber.  
 Exhaust pressure: manual through the exhaust valve  
 Sterilizing pressure: 1.2 to 1.5 kgf/cm<sup>2</sup> (15 to 20 psi) at 121°C  
 Operating pressure: from 15 psi to 20 psi  
 Pressure gauge: 0.2.1 kgf/cm<sup>2</sup> (30 psi)  
 Tubular stand and supporting ring made of mild steel or stainless steel

1. Automatic pressure cut off switch
2. Digital Temperature indicator cum controller
3. vacuum breaker
4. Automatic self locking system
5. Water level indicator
6. Automatic low water cut off switch
7. Moisture trap

### INCLUDING

Model	SS- HR-200	SS- HR--250	SS- HR--350	SS- HR--450	SS- HR--550	SS- HR--650	SS- HR--800
Inner Dimension (Inch)	18" x 18" x 36"	18" x 24" x 36"	24" x 24" x 36"	24" x 24" x 48"	24" x 24" x 60"	24" x 24" x 72"	30" x 30" x 60"
Internal Dimension mm	450 x 450 x 900	450 x 600 x 900	600 x 600 x 900	600x 600 x 1200	600x 600 x 1500	600x 600 x 1800	750 x 750 x 1500
Capacity (Ltrs.)	200	250	350	450	550	650	800
Heater Load	12KW	12KW	15KW	18KW	22KW	30KW	36KW



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## SS-102 HORIZONTAL CYLINDRICAL HIGH PRESSURE TRIPLE WALLED AUTOCLAVE



### Optional (Additional Features)

- \* Fully automatic PID purging system
- \* Fully automatic system with HMI PLC based autoclave with data logger digital pressure indicator cum controller, digital temperature controlled system can be installed in order.
- \* Multiport Valve

### HORIZONTAL CYLINDRICAL TRIPLE WALLED HIGH PRESSURE AUTOCLAVE

- \* The inner/outer chamber, jacket, Door, Ring and boiler are made of heavy gauge SS 304 with leak proof argon arc welding.
- \* The space between the outer chamber and steam jacket is filled with glass wool to minimize thermal losses.
- \* Hydraulically tested to 40 PSI with stand the working pressure 22 PSI.
- \* Steam boiler is fitted with water level indicator, pressure gauge, low water cut off device and automatic pressure control devices. Fitted with safety valve as a safety device.
- \* Water inlet & Drain valve is fitted at the side bottom for easy draining/clearing.
- \* This affords a complete safety to the working personnel against explosive opening.
- \* Two separate valves are provided for evacuating steam from inner chamber and jacket as and when desired.
- \* Sterilization cycle is controlled by single point multiport valve and three way valve ( as per customer Request ).
- \* The chamber discharge line is fitted with a moisture trap to absorb the condensate automatically thus preventing moistening of the loaded material to be sterilized.
- \* An automatic vacuum breaker is fitted to all units as a standard accessory in order to break vacuum in case of steam condensation. The flanged immersion type heating element made from a very high grade material provide fast formation of pressure in the system and are protected through a electric low water level cut off device.
- \* All sterilizers are provided with triple safety features through a "Piezostate" (automatic pressure control system) and a
- \* Spring loaded 3 safety valve fitted to the boiler, jacket & Inner Chamber steam generator.
- \* The chamber is fitted with spring loaded safety valve and a dead weight release valve.
- \* To work on 220/230 or 440 volts, 3 phase, 50 Hz AC supply. efficiently on 440V three phase power Supply

### TECHNICAL SPECIFICATION

Gasket: made of joint less silicon rubber.  
 Exhaust pressure: manual through the exhaust valve  
 Sterilizing pressure: 1.2 to 1.5 kgf/cm<sup>2</sup> (15 to 20 psi) at 121°C  
 Operating pressure: from 15 psi to 20 psi  
 Pressure gauge: 0.2.1 kgf/cm<sup>2</sup> (30 psi)  
 Tubular stand and supporting ring made of mild steel or stainless steel

### INCLUDING

1. Automatic pressure cut off switch
2. Digital Temperature indicator cum controller
3. vacuum breaker
4. Water level indicator
5. Automatic self locking system
6. Automatic low water cut off switch
7. Moisture trap

Model	SS-HT-75	SS-HT-100	SS-HT-125	SS-HT-150	SS-HT-200	SS-HT-250	SS-HT-350
Inner Dimension (Inch)	16" x 24"	18" x 24"	16" x 36"	18" x 36"	18" x 48"	20" x 48"	24" x 48"
Internal Dimension mm	400 x 600	450 x 600	400 x 900	450 x 900	450 x 1200	500 x 1200	450 x 1200
Capacity (Ltrs.)	75	100	125	150	200	250	350
Heater Load	6KW	6KW	9KW	9KW	12KW	12KW	18KW



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## SS-103 VERTICAL DUBLE VALVE AUTOCLAVE



### VERTICAL DOUBLE WALLED RADIAL LOCKING AUTOCLAVE

- \* Inner chamber, outer chamber & support ring are fully made of stainless steel.
- \* Heaters cover stand & carrier/bucket are made of stainless steel. Lid made of thick machined stainless steel plate.
- \* Radial locking lid ensures user safety & safe locking.
- \* Lid is fitted with pressure gauge, spring loaded safety valve, double safety valve.
- \* manual exhaust valve, vacuum breaker as a safety device & water level indicator.
- \* Drain valve facilitates easy cleaning of the chamber.
- \* Moulded joint less silicon rubber gasket.
- \* All internal joints are argon arc welded, ground & polished to give crevice free internals.
- \* Miniature circuit breaker for mains on/off plus safety of control panel.
- \* Industrial grade energy efficient heaters reduce power bills drastically

### TECHNICAL SPECIFICATION

Sterilizing Pressure=1.2kgf/cm<sup>2</sup> (15 psi) at 121°C  
 Operating Pressure from 15 psi to 22 psi (adjustable)  
 Power Supply-220x230V AC, 50/60 Hz  
 Pressure Vessel= SS 304 Grade Stainless Steel  
 External Wall-SS 304 Grade Stainless Steel Top Lid=55 304 Grade Stainless Steel  
 Basket- 55 304 Grade Stainless Steel

## SS-104 VERTICAL AUTOCLAVE SQUIRE TYPE DUBLE VALVE ( Triple valve as per Requirement )



### INCLUDING

1. Water Level Indicator
2. Stainless Steel Basket
3. Vacuum Breaker
4. Automatic pressure control switch.

### OPTIONAL

- A. Automatic low water cut off system.
- B. Microprocessor based digital temperature indicator cum controller with set value and process valve/digital timer
- C. Microprocessor based digital temperature indicator cum controller with set value and process valve/ timer and purging on/off fully automatic.
- D. Thermal printer.
- E. Etc ( As per Demand ).

Model	SS-DV-22	SS-DV-40	SS-DV-50	SS-DV-78	SS-DV-98	SS-DV-150	SS-DV-187	SS-DV-224	SS-DV-267
Volume ( Ltr )	22	40	50	78	98	150	187	224	267
Heater Load (KW)	1.5	2	3	4	5	5	6	6	9
Internal Dimension Inch	10"x18"	12"x20"	14"x22"	16"x24"	18"x24"	18"x36"	22"x30"	22"x36"	24"x36"
Internal Dimension mm	250x450	300x500	350x550	400x600	450x600	450x900	550x750	550x900	600x900



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## SS -105 VERTICAL TRIPLE VALVE RADIAL LOCKING HIGH PRESSURE



### VERTICAL TRIPLE WELLED CONSTRUCTION

- \* Inner chamber, outer chamber, Jacket, Door, Leg & support ring are fully made of stainless steel.
- \* Heaters cover stand & carrier/bucket are made of stainless steel.  
Lid made of thick machined stainless steel plate.
- \* Radial locking lid ensures user safety & safe locking.
- \* Lid is fitted with pressure gauge, spring loaded safety valve, double safety valve.
- \* manual exhaust valve, vacuum breaker as a safety device & water level indicator.
- \* Drain valve facilitates easy cleaning of the chamber.
- \* Moulded joint less silicon rubber gasket.
- \* All internal joints are argon arc welded, ground & polished to give crevice free internals.
- \* Miniature circuit breaker for mains on/off plus safety of control panel.
- \* Industrial grade energy efficient heaters reduce power bills drastically

### TECHNICAL SPECIFICATION

Sterilizing Pressure=1.2kgf/cm<sup>2</sup> (15 psi) at 121°C

Operating Pressure from 15 psi to 22 psi (adjustable)

Power Supply-220x230V AC, 50/60 Hz

Pressure Vessel= SS 304 Grade Stainless Steel

External Wall-SS 304 Grade Stainless Steel Top Lid=55 304 Grade Stainless Steel

Basket- 55 304 Grade Stainless Steel

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5. Water Level Indicator
6. Stainless Steel Basket
7. Vacuum Breaker
8. Automatic pressure control switch.

- F. Automatic low water cut off system.
- G. Microprocessor based digital temperature indicator cum controller with set value and process value/digital timer
- H. Microprocessor based digital temperature indicator cum

### OPTIONAL

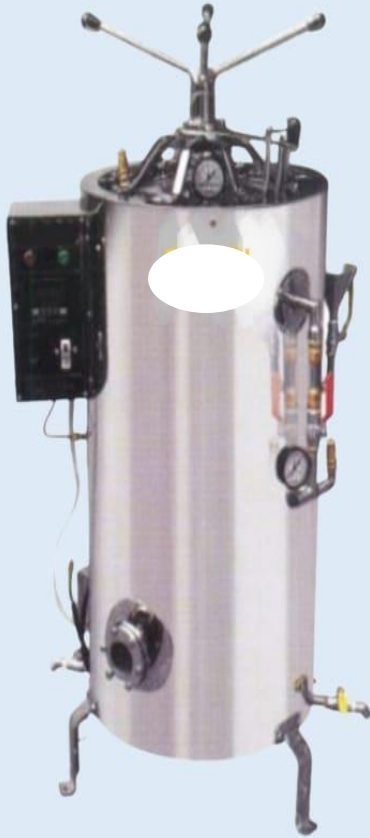
- controller with set value and process value/ timer and purging on/off fully automatic.
- I. Thermal printer.
- J. Etc ( As per Demand ).

Model	SS-TV-22	SS-TV-40	SS-TV-50	SS-TV-78	SS-TV-98	SS-TV-150
Volume ( Ltr )	22	40	50	78	98	150
Heater Load (KW)	1.5	2	3	4	5	5
Internal Dimension Inch	10"x18"	12"x20"	14"x22"	16"x24"	18"x24"	18"x36"
Internal Dimension mm	250x450	300x500	350x550	400x600	450x600	450x900



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## SS -105 VERTICAL TRIPLE VALVE STEAM STOCK HIGH PRESSURE



### VERTICAL TRIPLE WELDED CONSTRUCTION

- \* Inner chamber, outer chamber, Jacket, Door, Leg & support ring are fully made of stainless steel.
- \* Heaters cover stand & carrier/bucket are made of stainless steel.  
Lid made of thick machined stainless steel plate.
- \* Radial locking lid ensures user safety & safe locking.
- \* Lid is fitted with pressure gauge, spring loaded safety valve, double safety valve.
- \* manual exhaust valve, vacuum breaker as a safety device & water level indicator.
- \* Drain valve facilitates easy cleaning of the chamber.
- \* Moulded joint less silicon rubber gasket.
- \* All internal joints are argon arc welded, ground & polished to give crevice free internals.
- \* Miniature circuit breaker for mains on/off plus safety of control panel.
- \* Industrial grade energy efficient heaters reduce power bills drastically

### TECHNICAL SPECIFICATION

Sterilizing Pressure=1.2kgf/cm<sup>2</sup> (15 psi) at 121°C

Operating Pressure from 15 psi to 22 psi (adjustable)

Power Supply-220x230V AC, 50/60 Hz

Pressure Vessel= SS 304 Grade Stainless Steel

External Wall-SS 304 Grade Stainless Steel Top Lid=55 304 Grade Stainless Steel

Basket- 55 304 Grade Stainless Steel

- 9. Water Level Indicator
- 10. Stainless Steel Basket
- 11. Vacuum Breaker

### INCLUDING

12. Automatic pressure control switch.

- K. Automatic low water cut off system.
- L. Microprocessor based digital temperature indicator cum controller with set value and process value/digital timer

### OPTIONAL

L

- M. Microprocessor based digital temperature indicator cum controller with set value and process value/ timer and purging on/off fully automatic.
- N. Thermal printer.
- O. Etc ( As per Demand ).

Model	SS-TVS-22	SS-TVS-40	SS-TVS-50	SS-TVS-78	SS-TVS-98	SS-TVS-150
Volume ( Ltr )	22	40	50	78	98	150
Heater Load (KW)	1.5	2	3	4	5	5
Internal Dimension Inch	10"x18"	12"x20"	14"x22"	16"x24"	18"x24"	18"x36"
Internal Dimension mm	250x450	300x500	350x550	400x600	450x600	450x900



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## SS-107 Vertical Autoclave Duble Valve Wing Nut Type



### Autoclave Vertical Stainless Steel Nut Locking

Double Wall Single Chamber Autoclave, the unit is made of stainless steel shell, ring of aluminum, Lid of stainless steel combined with aluminum. The Instrument is absolutely leak proof, Equipped with Pressure Gauge, Safety Valve. Double Safety Valve, Steam Release Valve, Water Drain Valve, Rubber Gasket, Inner Container, tripod stand and mild steel Legs for Autoclave. The Autoclave can hold the in between 5 psi to 15 psi.

Model	SS - WN - 40	SS - WN - 78
Inner Dimension (Inch)	12" x 22"	16" x 24"
Internal Dimension mm	300 x 550	400 x 600
Capacity (Ltrs.)	40	78
Heater Load	2KW	4KW

## 108 Portable Autoclave Cocker type

Seamless construction ensure bacteria free environment.

The unit Equipped with Pressure Gauge, Safety

Valve, Double safety valve, Steam Release valve, Valve, Rubber Gasket, Inner and Lid Aluminum tripod stainless steel stand for Autoclave.



Model	SS - PC - 21	SS - PC - 27	SS - PC - 40
Inner Dimension (Inch)	12" x 12"	12" x 15"	12" x 22"
Internal Dimension mm	300 x 300	300 x 380	300 x 550
Capacity (Ltrs.)	21	27	40
Heater Load	1.5KW	1.5KW	2KW



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## 109 Portable Autoclave SIX WINGNUT TYPE

Seamless construction ensure bacteria free environment.

The unit Equipped with Pressure Gauge, Safety

Valve, Double safety valve, Steam Release valve, Valve, Rubber Gasket, Inner and ring of aluminum, Lid of stainless steel tripod stainless steel stand for Autoclave.



Model	SS - PW - 21	SS - PW - 27	SS - PW - 40
Inner Dimension (Inch)	12"x12"	12"x15"	12"x22"
Internal Dimension mm	300 x 300	300 x 380	300 x 550
Capacity (Ltrs.)	21	27	40
Heater Load	1.5KW	1.5KW	2KW

## SS-110 INSTRUMENT STERILIZER TYPE



Instrument sterilizer offered finds wide application in medical field and comes with Stainless Steel Shell Further the sterilizer also comes with provision of controlling excessive steam escape and as well as in restricting condensate within shell. For optimum performance these stainless steel sheets. Suitable for use with 220V. performance these stainless steel sheets. Suitable for use with 220V. 50Hz. Single Phase AC Supply.

Model	SS - IS - 21	SS - IS - 27	SS - IS - 40
SIZE	12"X6"X4"	14"X6"X4"	18'x8"X6"

For More Details Call: 9594702789

ISO CERTIFIED BRAND