



# Vani Scientific and Equipments



*Doctors Choice*

ISO 9001: 2015 - ISO 13485 : 2016

**Best Solution for your Sterilization**

**Portable Model**

**Specifications**

Size	15 ,22 Litres
Inner chamber	Stainless steel 304
Outer chamber	Stainless steel 304
Top lid	6mm thick plate SS 304 grade
Locking system	Wing nut
Standard Accessories	Relief valve, Pressure gauge, Wheel valve and Drain valve
Gasket	Silicon with joint less
Heater	Immersion type
Control	PID Controller With Auto Timer



**Lab Model**

**Features**

1. Automatic Steam control
2. Auto Timing functions
3. Process complete indication with buzzer
4. Water low protection for Heaters

**Specifications**

Size	22 to 178 litres
Temperature Range	121.c to 124.c
Pressure Range	15 to 20 psi
Locking System	Wing nut /radial locking
Inner Chamber	Stainless steel 304 grade
Outer Chamber	Stainless steel/Mild steel
Top lid	6mm thick plate 304 grade stainless steel
Gasket	Silicon joint less
Temperature Controller	PID controller with Timer
Pressure Control	Pressure control switch
Heater Safety	Water low cut off device protect from low water in the tank
Certification	NABL certification



Sl.No.	Size	Volume	Load
1.	250x450mm	22 Litre	2KW
2.	300x500mm	35 Liter	2KW
3.	350x550mm	53 Liter	3KW
4.	400x600mm	75 Liter	4KW
5.	450x600mm	96 Liter	4.5KW
6.	550x750mm	178 Liter	6KW

**Loaded with safety features for complete protection**

## High Pressure Semi-Automatic

### Specifications

Size	75 litres
Temperature Range	121.c to 124.c
Pressure Range	15 to 20 psi
Locking System	Wing Nut Lock
Inner Chamber	Stainless steel 304 grade
Outer Chamber	Stainless steel/Mild steel
Top lid	6mm thick plate 304 grade stainless steel
Gasket	Silicon joint less
Temperature Controller	PID controller with Auto Timer With Buzzer
Pressure Control	Pressure control switch (optional)
Heater Safety	Water low cut off device protect from low water in the tank
Certification	NABL certification

Sl.No.	Size	Volume	Load
1.	300x500mm	35 Liter	3KW
2.	350x550mm	53 Liter	3KW
3.	400x600mm	75 Liter	4KW



## High Pressure Fully Automatic Model

### Features

1. Automatic Steam control
2. Auto Timing functions
3. Process complete indication with buzzer
4. Water low protection for Heaters
5. Auto Steam exhaust with solenoid valve

### Specifications

Size	22 to 178 litres
Temperature Range	121.c to 124.c
Pressure Range	15 to 20 psi
Locking System	Wing Nut lock
Inner Chamber	Stainless steel 304 grade
Outer Chamber	Stainless steel/Mild steel
Top lid	6mm thick plate 304 grade stainless steel
Gasket	Silicon joint less
Temperature Controller	PID controller with Auto Timer and Buzzer
Pressure Control	Pressure control switch
Heater Safety	Water low cut off device protect from low water in the tank
Certification	NABL certification
Data logging	USB Data Logging and Thermal Printer for log Printing (optional)



Sl.No.	Size	Volume	Load
1.	300x500mm	35 Liter	2KW
2.	350x550mm	53 Liter	3KW
3.	400x600mm	75 Liter	4KW

## High Pressure Radial Locking Model

### Features

1. Automatic Steam control
2. Auto Timing functions
3. Process complete indication with buzzer
4. Water low protection for Heaters
5. Auto Steam exhaust with solenoid valve

### Specifications

Size	22 to 178 litres
Temperature Range	121.c to 124.c
Pressure Range	15 to 24 psi
Locking System	Radial locking
Inner Chamber	Stainless steel 304 grade
Outer Chamber	Stainless steel
Top lid	6mm thick plate 304 grade stainless steel
Gasket	Silicon joint less
Temperature Controller	PID controller with Timer
Pressure Control	Pressure control switch
Heater Safety	Water low cut off device protect from low water in the tank
Steam Exhaust	Automatic Solenoid valve control through controller
Certification	NABL Certification



Sl.No.	Size	Volume	Load
1.	300x500mm	35 Liter	2KW
2.	350x550mm	53 Liter	3KW
3.	400x600mm	75 Liter	4KW

## Horizontal Autoclave Semi-Automatic Model

### Specifications

Size	138 litres, 236 litres
Temperature Range	124.c to 130.c
Pressure Range	20 to 25psi
Locking System	Radial locking with safety lock
Inner chamber	Stainless steel 316 grade
Middle chamber	Stainless steel 304 grade
Door	10mm thick plate 304 grade stainless steel
Stand	SS 304 /MS with Powder coated
Boiler	SS 304 grade with immersion type heaters
Gasket	Silicon joint less
Pressure control	Pressure control switch
Heater safety	Water low cut off device protect from low water in the tank
Certification	NABL certification



Sl.No.	Size	Volume	Load
1.	400x600mm	75 Liter	8KW
2.	450x900mm	113 Liter	9KW
3.	400x1100mm	138 Liter	12KW
4.	500x900mm	178 Liter	12KW
5.	500x1200mm	235 Liter	18KW

**Specially designed for Rapid sterilization**

**Horizontal Autoclave Table Top Model**

**Specifications**

Inner	SS 316 grade 4mm
Middle Chamber	SS304 grade 4mm
Outer Jacket	SS 304 grade
Lock	Radial Lock with SS Bars
Lid	12mm SS 304grade Plate as Door lid
Gasket	Silicon Joint less
Boiler	SS 304 grade with Water level indicator
Heater	Immersion type ISI branded heater
Stand	SS 304 Grade with height adjustable bush
Port Control	Solenoid Valve with Switch
Control	PLC With HMI USB Data logging and Thermal Printer Interface and User Select program and Customization and Auto Reload Function
Heater safety	Water low cut off switch
Temperature	121.c / 124.c
Pressure	15psi/ 24 Psi
Voltage	3 phase 440v
Vacuum Pump	High Power Liquid Ring Vacuum Pump with SS reservoir
Certification	NABL Certification



**Horizontal Autoclave Fully-Automatic Model**

**Specifications**

Inner	SS 316 grade 4mm
Middle Chamber	SS304 grade 4mm
Outer Jacket	SS 304 grade
Lock	Radial Lock with SS Bars
Lid	12mm SS 304grade Plate as Door lid
Gasket	Silicon Joint less
Boiler	SS 304 grade with Water level indicator
Heater	Immersion type ISI branded heater
Stand	SS 304 Grade with height adjustable bush
Port Control	Solenoid Valve with Switch
Control	PLC With HMI USB Data logging and Thermal Printer Interface and User Select program and Customization and Auto Reload Function
Heater safety	Water low cut off switch
Temperature	121.c / 124.c
Pressure	15psi/ 24 Psi
Voltage	3 phase 440v
Vacuum Pump	High Power Liquid Ring Vacuum Pump with SS reservoir
Certification	NABL Certification



Sl.No.	Size	Volume	Load
1.	400x600mm	75 Liter	8KW
2.	450x900mm	113 Liter	9KW
3.	400x1100mm	138 Liter	12KW
4.	500x900mm	178 Liter	12KW
5.	500x1200mm	235 Liter	18KW

**Mortuary Chamber**

**Specifications**

Size	2,4,6,8 Chamber
Inner Chamber	SS 304 Grade
Outer Chambered	SS 304 /MS with Powder coated
Lock	Latch Lock Mechanisam
Inner Trolley	SS 304 grade With Mirror Polish With Sliding Wheel
Cooling	Emmersion Compressor With Cooling Accessories
Gas	CFC Free Gas
Controller	Advance PID controller With Tunning Function
Whee	Heavy Duty Industrial Type Wheel With Break
Voltage	220v



**Surgical Scrub**



SS Surgical Scrub Foot Operated Complete Scrub Made Out Of SS 304 Grade Stainless Steel With Mirror Polish.  
 Easy To Use And Convenient  
 Size. 1 tap , 2 tap, 3 tap



Revolving Stool



Instruments Trolley



Saline Stand

**Contact Us**

☎ 94444 07063  
99402 63232

📍 No.6/181, Thandalam Kovur,  
Chennai - 600 128.

✉ vani\_scientific@yahoo.com  
vaniscientific@gmail.com

🌐 www.vaniscientific.com