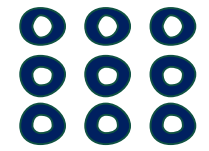


VERSAV – Laboratory Vertical Autoclave



Drying
Function



Max. temp.
144°C

Download
Catalogue



50L/75L

LCD

t° LIMITER

Sterilization Temperature up to 144°C

Liquid sterilization program up to 137°C
Auto fault detection. If the measured parameters are different from programming parameters, the system will automatically shut down.

Vacuum pulse system, drying function

Pulse vacuum exhaust to ensure the effect of steam sterilization.
Efficient vacuum pumping system.

Safety Function

Over pressure safety valve, Over temperature protection, Door Sensor, Anti-dry out function, Door cover...

Exhaust selectable method

Automatic selecting quick or low exhaust to avoid sterilization liquid overflowing. Mechanism for accidental steam exhaust.

Sterilization programs

Selectable programs for packed, unpacked, dressings, equipment, rubber, liquid, liquid custom, solid custom, sterilization of medium, dissolution of medium, B&D testing, vacuum testing, culture medium, waste (4 defined and 6 custom programs).

Over pressure

- Safety valve can automatically open to release pressure.

Over temperature

- The system will power off automatically.

Door sensor

- Sensor at door checks the door status. If door is open, operation will stop.

Anti-dry out function

- If water level is too low, system will power off and error code displays on screen.

Door cover


- The door is covered with safety shell made of thermal insulation material, which can protect operator from burning by heat and looks nice.

Technical Features

- Steam water internal circulation
- Deionized water to supply steam generator
- Rapid water cooling system for efficient and safe for liquid sterilization
- Built in printer for recording sterilization data
- Mobile probe detect the internal temperature of liquids directly, to ensure sterilization program of liquid program
- LCD Screen Display shows pressure, temperature, time, running status, error code, operation curve...
- Independent quick service window, easy for repairing and maintenance.
- Automatic selecting quick or low exhaust to avoid sterilization liquid overflowing.
- Selectable programs for packed, unpacked, dressings, equipment, rubber, liquid, liquid custom, solid custom, sterilization of medium, dissolution of medium, B&D testing, vacuum testing, culture medium, waste...
- Complete process of filling water, PID, timing, preheating, replacement, pulse exhaust, heating, sterilizing and drying run automatically controlled by microprocessor.
- Hand wheel type of quick-open door structure, self-expandable sealing ring, easy operating and safe.
- Range of timing cycle 1-250 min
- Adopting certain temperature (98~102°C) exhaust method and dynamic pulse exhaust method to empty the cold air inside chamber for ensuring steam storability
- Inner stainless steel water tank for water and steam to circulate inside. Steam does not exhaust during sterilization, so as to keep the outside clean and dry
- Drying function
- Pulse vacuum exhaust to ensure the effect of steam sterilization.
- Efficient vacuum pumping system. The ultimate vacuum can reach more than -90KPa. Low noise, fast pumping speed, good dryness. The sterilization is more thorough.

Autoclave Type	VERSAV50	VERSAV75
Price		
Volume Litter in total/useful	53/50L	79/75L
Chamber Size mm ø*H	φ400*490	φ400*670
Useful chamber dimension	φ400*420	φ400*600
Loading height mm	690	870
Chamber Material	Medical Stainless Steel AISI-316L	
Design Pressure	- 0.1/0.28MPa	
Vacuum system	Eject vacuum system	
Designed Temperature	150°C	
Working Temperature Range	80 to 144°C	
Temperature Display Accuracy	±0,1°C	
Sterilization Timer Range	0-999 min	
Delay start	Yes, up to 24h	
Circulation Patterns	Steam water internal circulation	
Filter protection	0,22um sterilization high efficiency air filter. The filtration efficiency is higher then 99,8% ensuring that the vacuum depleted air is sterile to prevent re pollution of sterile materials	
Display	Touch Screen LCD digital display	
Water requirement	Distilled or Demineralized	
Water tank volume	9 L	
Dissolution temp. range	60~100°C(programmable)	
Temp. holding range after sterilization	40~80°C(programmable)	
Voltage	220V/ 50-60Hz ±10% (16A)	
Consumption kW	4,5kW	6kW
External Size (W*D*H) mm	610*700*1185	
Package size	710*800*1300	
GW/Kg	109	115
Standard Accessories	Stainless steel basket *2pc, Printer, RS232, USB,	

Please Note
 If this Autoclave does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

Laboratory Equipment production and Distribution 
 www.colo.si
 Polje ob Sotli 4
 SI-3255 Slovenia
 tel. +386 64 222 724 E-mail: office@colo.si