

UNICLAVE

ISO9001/ISO13485/CE

FD Vertical Autoclave



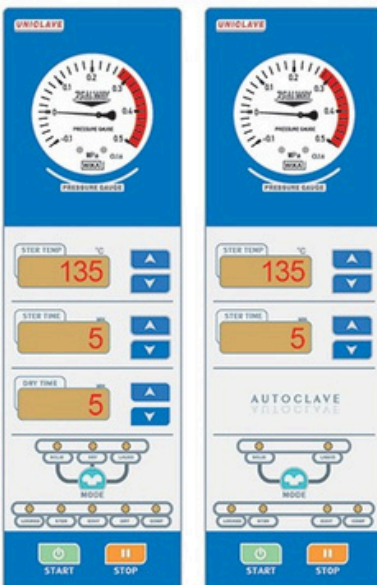
Product features

- Simple and easily understandable control panel to show the sterilization temperature, sterilization time, drying time, press separate keys to set the temperature and time makes the operation easier
- Each sterilization stage is displayed with LED lights, making the sterilization process clear at a glance.
- Microcomputer intelligent control system ,achieves fully automatic control of the sterilization process.
- Pulse method to completely purge out cold air. (R only)
- System automatically monitors the discharge of cold air to ensure a pure steam sterilization environment and the best sterilization effect.
- Up to 20 error information records can be stored, facilitating instrument management.
- Built in water tank for internal discharging of steam, effectively absorbing water vapor from exhaust process. (R only)
- Fully automatic drying function or semi-automatic drying function choice (R only)
- Fully automatic drying: Equipped with an air pump and a 0.2um air filter, it automatically starts drying after sterilization. After sterilization, clean air will be put in to replace the wet air inside, so as to improve drying efficiency. (Fully automatic drying is an option for R only)

Simple and easily understandable control panel

FD-R

FD-A



Safety features

Lid closing checking: Machine can not start if lid is not locking well,the self-induction interlock device can avoid risk of misuse

Unique anti-scald cover: Nice look an davoid causing scald

Triple protection for lack of water: The bottom of the sterilization chamber is equipped with three different dry burning protection devices: liquid expansion type, copper temperature sensing type, and electric ion type (water level sensor), to avoid misjudgment caused by a single method.

Double protection for over pressure: Mechanical pressure gauge and electric sensing system, once pressure is abnormal, system will cut power, release the pressure and send out alarm.

Auto trouble shooting: System will monitor the working status, and will cut the power, send out alarm, and report the error information once any abnormal situation detected.

Safety test function: Regular testing of system security and safety protection measures is possible

Real time monitor: System will monitor the lid locking, pressure and temperature status on a real time basis to guarantee the safe and successful work of the autoclave.

Electricalprotection: Equipped with a highly sensitive electrical protection system, effectively providing leakage protection, overcurrent and short-circuit protection

Technical data

Model	Basic	FD29A	FD50A	FD80A	FD100A
	Drying		FD50R	FD80R	FD100R
Capacity(L)		29	50	80	100
Dimension(L*W*H)(mm)		580 x 490 x 960	580x 490x 1085	730 x 625 x 1100	730 x 625 x 1200
Chamber dimension(Dia*H)(mm)		Φ 320 x 378	Φ 320 x 725	Φ 400 x 700	Φ 400 x 800
Power requirements		220V ± 10% 15A	50HZ / 60HZ	220V ± 10% 25A	50HZ / 60HZ
Rated power(W)		2600W	2600W	4600W	4600W
Sus304 basket size(pcs)		(Φ 298 x 260) x 1	(Φ 298 x 195) x 3	(Φ 360x 275) x 2	(Φ 360 x 215) x 3
Chamber material	SUS304 stainless steel				
Sterilization temperature	105°C~135°C				
Sterilization time range	1~300min				
Pressure gauge range	-0.1MPa~0.5MPa				
Pulse times	0~9 times (R only)				
Exhaust temperature range	73°C~104°C (R only,liquid mode) 105°C~130°C(Solid mode)				
Safety valve set pressrue	0.29MPa				
Drying	Drying temperature: 80°C~160°C Drying time: 1~300 min				
Sterilization mode	Solid mode,Liquid mode (A) Unwrapped devices,Wrapped devices,Dressing,Rubber,Liquid (R only)				
Controller	Microcomputer control system				
Safety device	Lid closing checking, over temperature protection system,dry scorch protection, over pressure protection, safety valve, over current/short circuit/electric leakage protection,scald protection, automatic failure-inspection system				

Note:FD-SA has liquid mode, but can not preset the exhaust temperature for liquid mode.

Spare parts option



Micro printer
To print temp.,time and F0 value



Digital pressure sensor



Tray



Stainless steel bucket



IQ/OQ/PQ (3Q)adapter joint



Adjust foot

Printing set:printer+digital pressure sensor:can print temp. and pressure in data and flow chart way

IQ/OQ/PQ documents

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