

# VERTICAL AUTOCLAVE AUT14-054T



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Laboratory Vertical Autoclave is designed to accommodate a wide range of applications. The user can choose to add the features needed according to intended use. Features are designed specifically for lab based sterilizations used in pharmaceuticals, microbiology labs, research laboratories, food and chemical industries. Very reliable and convenient method of sterilization.

Used in Food industry, Chemical industry, Research, Laboratory, Pharmaceutical.

Also known as Vertical Pressure Sterilizer, Vertical Pressure Autoclave, Vertical Sterilizer, Laboratory Vertical Autoclave,.

## AUT14-054T VERTICAL AUTOCLAVE

Sterilization process can be pre-set and completed automatically

Simple and easily understandable control panel to show the sterilization temperature, sterilization time and drying time at the same time, pressing separate keys to set the temperature and time makes the operation easier

System automatically monitors the discharging of the cold air to guarantee a pure steam sterilization environment and optimal sterilization effects

LED screen clearly shows the dynamic sterilization process

13 error detection procedures to monitor the normal operation of the instrument

Self-induction interlocking devices to avoid risk of misuse

Dual over-pressure protection system: upon detection of any abnormal pressure, system will relieve pressures or disconnect power supplies

Over temperature protection system: power supply will be disconnected for protection upon detection of over temperature

Dry soorch protection system: power supply will be disconnected for protection upon detection of overflow water level

Cover checking system: system can automatically check the locking of the cover, if the cover is not tightly locked, the autoclave can't be started

Electric leakage, over current and short circuit protection: system will disconnect the power supply to avoid an electricity shock or other accidents

Unique anti-scald cover and bench: avoid causing corrosions and scald



## SPECIFICATIONS

Model	AUT14-054T
Capacity	54 L
Sterilization Temperature	105-135°C
Sterilization Time	1-999 min
Sterilization mode	1.Solid 2.Agar with warming 3.Self-defined
Melting temperature	60-100°C
Melting time range	1-999min
Warming Temperature	45-60°C
Warming time range	1-9999min
Exhaust temperature range	73-104°C(Liquid mode) 73-127°C(Solid mode)
Exhaust mode	Automatic internal discharging with an embedded steam collector
Timer range	0-6 days(Sterilization auto start up appointment)
Pressure gauge range	-0.1-0.5Mpa
Pressure	Safety valve set pressure:2.9bar
Controller	"Smart II" fast speed microcomputer controller

Working environment	5-45°C,relatively humidity 10%-85%
Chamber material	SUS304
Chamber(Diax H)	325x381
Rate power supply(W)	2600
Power requirement	220V±10%,16A,50/60Hz
Dimension(LxWxH,mm)	460x542x1070
Baskets(DiaxH)	(300x200)x3
Safety device	Seft-induction interlocking device, lid closing checking, over temperature protection system, dry scorch protection, over pressure protection, safety valve, over current and short circuit protection, electric leakage protection, scald protection, automatic failure-inspection system.
Storage	up to 60 programs

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