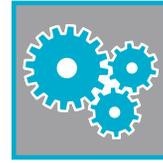


SHINVA



CIMA<sup>®</sup>  
Industries Inc.  
Pharmaceutical Equipment

# ETHYLENE OXIDE STERILIZER



*Integral solutions  
in medical equipment*

# 100% ETHYLENE OXIDE STERILIZER

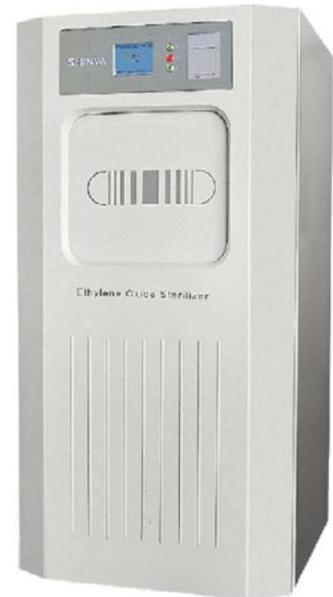
## CONVENIENT

Intelligent automation: PLC control, HMI displaying status (including temperature, humidity, vacuum etc.) The sterilizer stops working or starts emergency treat if there's fault or mistake, and gives alarm and prints necessary information.

Motor lifting door: new structure, reliable sealing, easier operation.

Color touch-screen: human-machine control interface, easy operation.

Installation: only need 220V power supply, exhaust pipe, built-in vacuum pump, compressed air pump, economical.



XG2.C Series sterilizer which take 100% ethylene oxide gas as sterilizing medium are mainly used to sterilize precise medical instrument, optical instrument, medical electronic instruments, plastic and medical materials that can not stand with heat and damp. The sterilizer will not erode materials of plastic, metal and rubber.

Ethylene oxide is most efficient low temperature gas sterilizer as known for hospitals, it has advantages of wide-pedigree bacterium killing rang, strong penetrability, no damage and pollution, easy and reliable chemical and biological monitoring method, the sterilized articles can be stored easily.

XG2.C series sterilizer can be used in CSSD, operating room and other departments. Safe, reliable and conveniently.

## Environmental safety monitoring system (optional, order code ET - 2000)



Timely monitors EO concentration surrounding and provides you a safe and comfortable working environment.



To timely alarm for you, we supply environmental monitoring alarm lamps which can be installed on machine or outside of operation area, and remete alarm.

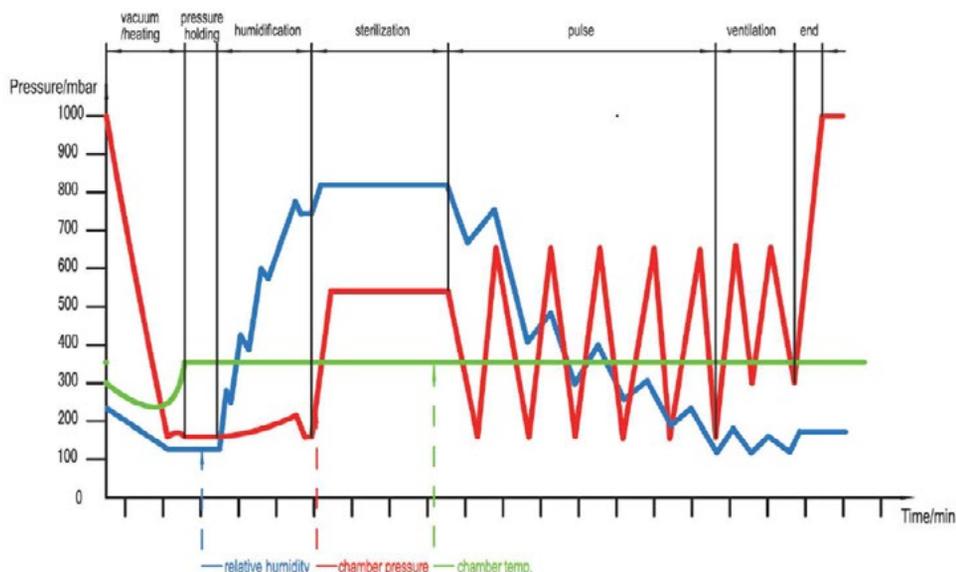




### SAFETY

- Negative pressure system whole process under negative pressure conditions: it ensures EO gas not leak during whole process of working.
- Gas can opened by negative pressure the disposable 100% eto gas can is opened automatically under negative pressure in sterilization stage.
- Auto monitoring function real-time monitoring of sterilization chamber pressure changes, if the pressure increases unnormally, the system alarms.
- Efficient ventilation automatic pulse ventilation system to exhaust ETO gas maximum.
- Door interlock door can not be opened while program is running.
- Fan monitoring system( optional) monitoring fan works automatically while sterilization, the system alarms if fan stops working.
- Ethylene oxide gas concentration monitor( optional) the accuracy: 0.1 PPM, portable design.

### STERILIZATION PROCESS



## RELIABILITY

- Accurate parameter control sterilization temperature, humidity, pressure and time data are collected by relative sensor and transferred to PLC.
- Chamber is made in aluminum alloy aluminum alloy has good thermal conductivity, it makes chamber temperature much balance.
- Two temperature choices high temperature 55't, low temperature 37't, several temperature sensor protection.
- Double-pressure controller function two pressure controllers real-time monitoring within the sterilizer chamber pressure to ensure that no one lost.
- Humidify control system special structure ensures control accurately, chamber humidity sensor monitor on real time.
- Power cut memory fuction sterilization data is saved automatically when power off and no need restart sterilizer when power on.

MAIN TECHNICAL PARAMETERS		
Order Code	XG2.C-130	XG2.C-220
Chamber dimensions (L x W x H)	750 X 450 X 400	1250 x 450 x400
Overall dimensions (L x W x H)	950 X 860 X 1730	1450 X 860 X 1730
Package dimensions (L x W x H)	1050 X 960 X 1900	1550 X 960 X 1900
Capacity	135	225
Netweight	300	400
Power supply	3.5Kw	4.5Kw

EO GAS CAN		
Order Code	Z-100	V-170
Gas can Net weight	100g	170g
Syutabke sterilizer	XG2.C-130	XG2.C-220
Concentration	735mg/L	750mg/L

AUTOMATIC TRANSFER TROLLEY (OPTIONAL)		
Order Code	T-100	T-200
Loading platform dimensions(L x W)	800x400	1300 X 400
Overall dimensions(L x W x H)	1150 X 780 X 1165	1650 X 780 X 1165
Loading platform lift range	720-1220	720-1220
Load max. weight	100	150
Trolley weight	55	70
Syutabke sterilizer	XG2.C-130	XG2.C-220



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