

EO-H40 Ethylene Oxide Gas Sterilizer



Technical Specifications

PARAMETER	SPECIFICATION
Product name	Ethylene Oxide Sterilizer
Product model	EO-H40
Product form	Desktop
Heating method	Electric heating
Power	1.3KVA
Power	AC220V, 50Hz
Dimensions	(Length × Width × Height): 670 × 450 × 400mm
Liner size	(Length × Width × Height): 240 x 470mm
Effective Volume	23L
Weight	56kg
Temperature display	3.5 inch LCD display
Material of Sterilization Room	304 anti-corrosion stainless steel
Outer box material	ABS plastic
Temperature during sterilization	50°C±3°C
Working pressure	-60kpa
Highest anti-stress value	-140kpa
Humidity during sterilization	45%-80%
Selected gas	Pure ethylene oxide gas
Sterilization time	0-99 hours adjustable
Air Replacement	Automatic ventilation, 5 cycles of ventilation, every 15 minutes
Full-automatic control	One-click start to finish, the whole process is completed

system	automatically
Sterilization record	The system can store 500 pots of sterilization records
Display status	Display operating status, temperature, humidity, pressure, sterilization time, residual gas treatment time, times, steam generator temperature.
Humidity Sensor	The built-in humidity sensor automatically detects the humidity in the cavity.
Pressure Sensor	The built-in pressure sensor automatically detects the pressure in the cavity
Temperature Sensor	The built-in temperature sensor automatically detects the temperature in the cavity, the accurate range is $50^{\circ}\text{C}\pm 3^{\circ}\text{C}$.
Vacuum system	Use oil-free vacuum pump.
Seal door	304 stainless steel aluminum material, thickness $\geq 2\text{mm}$, pressure resistance 200Kpa.
Humidification System	Using pulse steam humidification
Residual gas treatment device	The filtration rate of the filter to the particle diameter $\geq 0.3\mu\text{m}$ is not less than 99.5%
Vacuum rate	Under no-load conditions, the time for the sterilizer to be vacuumed from normal pressure to $-60\text{ kPa} \leq 30\text{ min}$
Automatic dosing	Puncture technology built into the sterilization chamber.
Heating system	The explosion-proof electric heating device is used in the sterilization chamber
Multiple protection functions	With over-voltage and over-temperature protection functions, it is more safe and reliable
Alarm system	Have high temperature alarm system, ultra low pressure alarm system