



## **Ethylene Oxide Sterilizer LD-LEOS-A10**

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# Ethylene Oxide Sterilizer LD-LEOS-A10

## Overview

Ethylene Oxide Sterilizer LD-LEOS-A10 is fully automatic with one button to control from start to end process with printing records. Double protective, vertical sliding and safety interlocking door. Sterilization room material is made of anti-corrosion type 304 stainless steel and outer box material is steel plate baking varnish. 7-inch touch screen display shows temperature, pressure, sterilization time, humidity, residual gas handle time and frequency. Built-in temperature, humidity, pressure sensor with automatic control system ensures stability, efficiency and quality. Built-in printer prints the whole process of sterilization information for recording and verification check. Explosion-proof electric heating device with over-voltage and over-temperature protection and residual gas automatic process system.

## Features:

- The sterilization chamber adopts stainless steel 304 three-layer temperature control protection
- EO gas can be automatically punctured by special device in the chamber and negative pressure inside the chamber during the cycle ensures no leakage of EO gas for the safety of user
- Efficient ventilation system by automatic pulse vacuum ensures EO gas exhaust thoroughly
- Interlock feature does not allow door to open while program is running
- Sound after completion of sterilization
- Leak detection function and safety automatic detection function
- In case of program disorder, power cut or outage, automatic recovery program after power on and the device will continue to run
- Automatic fault detection, fault code content display alarm, fault sound alarm and if error happens, fault printing system
- Air inlet is provided with a sterile filter, which can effectively filter out microorganisms, and avoid the second time pollution when discharged

## Applications:

Ethylene Oxide Sterilizer used to sterilize items which are heat and moisture sensitive such as endoscopes, catheters, resuscitation bags, anaesthesia masks, cotton balls, books, most fibre-optic instruments, assembled complex devices, equipment with integrated electronics, medical electric drills, pacemaker electrodes, multi-lumen tubing products, stents, wound care dressings etc. across the field of pharmaceutical industries, metal & glass industries, hospitals, laboratories and research institutes etc. This autoclave most suits for prosthetic implants sterilization.

## Specifications:

|                |                                                 |
|----------------|-------------------------------------------------|
| <b>Type</b>    | Vertical; constant temperature heating box type |
| <b>Power</b>   | 3.0 kW                                          |
| <b>Weight</b>  | 180 kg                                          |
| <b>Casters</b> | Yes                                             |
| <b>Printer</b> | Yes                                             |

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| <b>Capacity</b>                  | 120L                                                 |
| <b>Incubator</b>                 | Constant temperature incubator                       |
| <b>Vacuum Pump</b>               | Oil free vacuum pump; Fast and lifelong              |
| <b>Ventilation</b>               | Automatic                                            |
| <b>Power Supply</b>              | 110-220V / 50-60 Hz                                  |
| <b>Control System</b>            | PLC                                                  |
| <b>Inner Dimension</b>           | 670 x 470 x 390 mm                                   |
| <b>Outer Dimension</b>           | 890 x 790 x 1600 mm                                  |
| <b>Working Pressure</b>          | -60 kPa                                              |
| <b>Temperature Sensor</b>        | Automatic; keep temperature within range of 50? ± 5? |
| <b>Sterilization Agent</b>       | EO gas                                               |
| <b>Sterilization Humidity</b>    | 45-75%                                               |
| <b>Sterilization Temperature</b> | 50 ? ± 5 ?                                           |