

# AXIS AX 15000

## EO GAS STERILIZER



*15,000 liter EO Gas Sterilizer*  
*Loading capacity up to 10.000 pieces of surgical gown per cycle*



**KORDON**

Tıp Sağlık Araç ve Gereçleri

**Manufacturer:** KORDON TIP SAGLIK ARAC GERECLERI  
PROJ. MUH. ITH.SAN. VE TIC.LTD.STI.

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The AX 15000 sterilizer has been produced with hidden wheels to move the sterilizer. There are also fixing feet available.

Axis offers the latest technology in gas diffusion sterilization systems. The products to be sterilized are placed in the Liner Bag together with the EO Gas Cartridge, Dosimeter, Humidity Chip and sealed with a tie or a sealing machine. All information on the device is provided to be displayed on the color monitor. All stages such as resistance, fan, vacuum, conditioning, sterilization, ventilation and so on can be easily followed, and visual and auditory warnings are given in case of any malfunction. EO is used in healthcare facilities to sterilize critical items (and sometimes semi-critical items) that are sensitive to moisture or heat and cannot be sterilized by steam or other sterilization methods. Therefore, a wide variety of materials, especially polymeric components commonly used in medical devices, can be sterilized with EO. The cabin is automatically kept under permanent vacuum in all stages (conditioning-sterilization-ventilation) and user safety is ensured.

### AX 15000 Features

|                             |                       |
|-----------------------------|-----------------------|
| Capacity                    | 15000 liter           |
| Display                     | 7" Color Touch Screen |
| Internal Dimensions (WxDxL) | 623x136x177 cm        |
| External Dimensions (WxDxL) | 631x143x211 cm        |
| Weight                      | 1500 kg               |
| Power                       | 5000 W                |
| Amperage                    | 24 A                  |
| Voltage                     | 110-220 VAC           |
| Working Temperature         | 30-59°C               |
| Outer Material              | Decorative Inox       |
| Inner Material              | Stainless Steel       |
| Safety                      | Automatic Door Lock   |
| Conditioning                | 0-9 Hours             |
| Sterilization               | 1-9 Hours             |
| Aeration                    | 0-9 Hours             |
| Total Cycle Time            | 1-27 Hours            |
| Liner Bag                   | 95x130 cm             |
| EO Cartridge                | ARQ-24 or AR-24       |
| Printer                     | Available             |
| Connection                  | USB 2.0               |

- 100% EO and 100% Safe
- Vacuum type sealing and gasket pressure plate
- With negative pressure operation, measurement and safety system
- Sterilization and Ventilation in the same cabinet
- Microcomputer operating system
- 4 hour short program
- Practical and easy to use
- Pipe congestion warning system, works under permanent vacuum
- Modular use, loading 6 different bag groups separately, adding a new liner bag group during operation, running and observing is available.
- Cabin safety pressure measurement and instant monitoring
- Robust construction
- Use without failure risk, completely maintenance-free, full work
- Floor heating system
- Automatic door-lock system that does not require a mechanical handle
- In-bag humidity and temperature values can be seen online on the screen
- Integrated mobile humidity/temperature probe with calibration
- Ability to store past cycle reports in memory, when requested can be print from the internal printer again.
- MDR compliant, EN 61010-2-40, EN 61010-1, EN 60601-1-2 EMC, EN 60601-1, ISO 9001-13485 with Test and Quality Reports
- New software compatible with EN 14937 for validation studies
- Suitable for invasive sterilization

#### What can be sterilized with AX-15000 EO Gas Sterilizer?

- Heat- sensitive equipment
- Assembled complex devices
- Catheters, stents, syringes, medical gloves,surgical threads
- Custom procedure packs
- Equipment with integrated electronics
- Multi-lumen tubing products
- Wound care dressings
- Plastic, metal, and rubber medical supplies
- Laparoscopic and endoscopic equipment
- Surgical instruments
- Surgical gowns and drapes
- Endoscopes, dental instruments
- Spices; thyme, mint
- Pharmaceutical capsules and boxes,brushes, face powders
- Old books and library applications
- Fabrics, leather, chemical fibers



## Chamber capacity/ dimensions

| Model    | Volume Liters/cuft | In     |        |        | Out    |        |        |
|----------|--------------------|--------|--------|--------|--------|--------|--------|
|          |                    | Width  | Length | Depth  | Width  | Length | Depth  |
| AX-15000 | 15000/529.5        | 623cms | 177cms | 136cms | 650cms | 220cms | 160cms |

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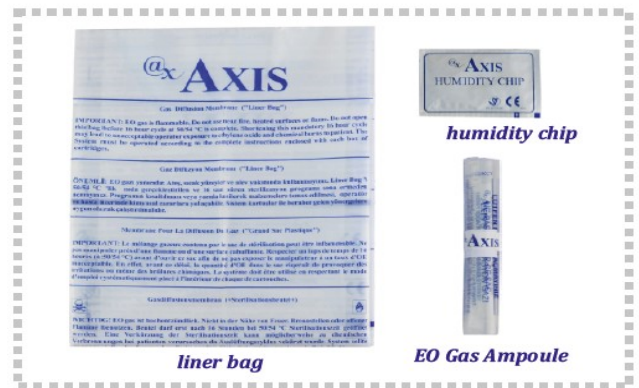


the device is compatible with carton loading



Axis EO Gas Sterilizers works with;  
**Axis EO Gas Cartridges (AR series)**  
 and these are consists of;  
 -Liner bag and tie-wrap  
 -Gas Cartridge of 24g  
 -Humidity Chip  
 -Dosimeter Indicator  
 -Dosimeter Tracking Form

OR



Axis EO Gas Sterilizers works with;  
**Axis Ampoule Sets (ARQ series)**  
 and these are consists of;  
 -Liner bag and tie-wrap  
 -Gas Ampoule of 24g  
 -Humidity Chip  
 -Dosimeter Indicator (optional)



The ends of the Axis ethylene oxide ampoules are sealed with hermetic sealing technique.

### How does it work?

Simply put items to be sterilized into the Liner bag along with the Gas Ampoule and Humidity Chip than seal the liner bag with any sealing machine or tie-wrap. Then when placing the Liner Bag in the sterilizer, activate the EO gas cartridge and the sterilization process will begin.

Liner bags allows EO gas circulation due its permable stucture. According to EO Gas Sterilizer volume, liner bag dimensions will change.

Humidity chips provide essential moisture inside the bag.



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