

# AXIS AX 400

## EO GAS STERILIZER



*400 liter EO Gas Sterilizer*



**KORDON**

Tıp Sağlık Araç ve Gereçleri

**Manufacturer:** KORDON TIP SAĞLIK ARAC GEREÇLERİ

PROJ. MUH. İTH.SAN. VE TIC.LTD.STİ.

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<https://www.youtube.com/channel/UCJfYtHhdi-Zps3ncSUGU9w>



AXIS Sterilizers do not require any pressurized air, water, or drainage. All that is required is a 220V earthed electricity supply and an opening in a wall/window through which the outlet pipe of 6 cm diameter can be connected to the atmosphere.

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-400 Features	
Capacity	400 liter
Display	7" Color Touch Screen
Internal Dimensions (WxDxL)	62x60x111 cm
External Dimensions (WxDxL)	69x70x141 cm
Weight	135 kg
Power	800W
Amperage	4A
Voltage	110-220 VAC
Working Temperature	30-59°C
Outer Material	Decorative Inox
Inner Material	Stainless Steel
Safety	Automatic Door Lock
Preconditioning	0-9 Hours
Sterilization	1-9 Hours
Aeration	0-9 Hours
Total Cycle Time	1-27 Hours
Liner Bag	60x90 cm / 58x100 cm
EO Cartridge	ARQ-11 / AR-11 / ARQ-20 / AR-20
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 400 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





# The advantages of EO Sterilization;

- The widest range of material and product compatibility
- Ability to sterilize long, narrow, and multi-channel lumens.
- All sides and surfaces will be sterilized
- Compatible with all common packaging materials.
- Does not damage delicate instruments like harsh chemical sterilants.



Approximately 50 percent of all medical devices are sterilized with EtO, and for many of those it is the only option known to modern science. For many medical devices, due to their size, shape, complexity or material composition, EtO is the only option for sterilization. For these products, alternatives such as steam, radiation or other sterilants do not achieve the needed levels of sterility assurance.

## **For EO Safety;**

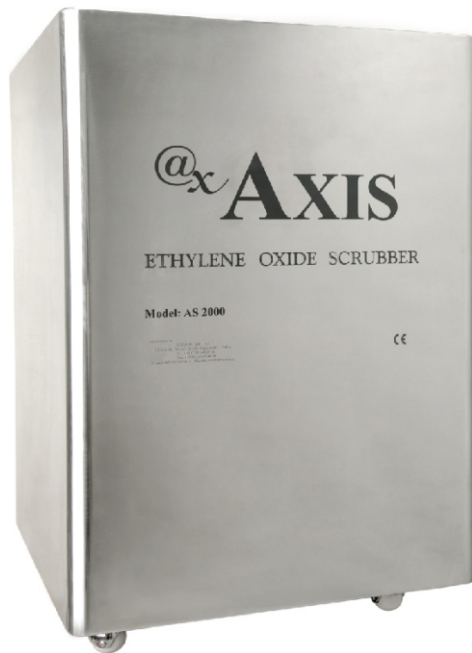
- Employers can provide appropriate protective clothing and equipment
- Axis EO Dedector & Alarm can be used for monitoring Eo gas leaks
- Axis Storage and Automatic Activator Containers can be used to minimize contact and maximize the safety of the user.
- Axis EO Scrubber to minimize EO release.

## Axis Portable Sealed Container with Fully Automated Cartridge Activation

**Cyle time: 2 hours only**

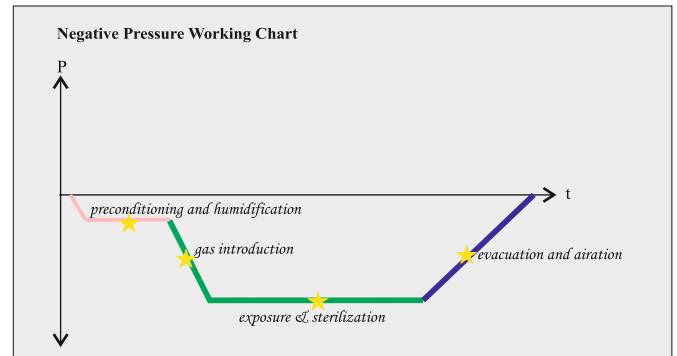


-liner bag free



The scrubber body and hoses; made of stainless steel and consist of 50 kg ion exchange activated carbon extracting over 98% of the ethylene oxide in the exhaust air stream.

Through Axis AX series sterilizers which are built-in with extractor fan, external extractor fan and power requirement has been eliminated.



Axis Eo Sterilizer constantly works under negative pressure



- Instant tracking on the screen.
- EO concentration measurement in the range of 0-99 ppm.
- Microprocessor controlled.
- Visual and auditory alarm (> 85 dB).
- Adjustable alarm level.
- Automatic calibration.
- External alarm output.
- Can be mounted on the wall.
- High reliability.
- 220V 50Hz.
- 2-year warranty including sensor.
- Sensor life of up to five years

**Kordon Tip Recommends**

### Axis AX-1800 EO Gas Alarm

**YouTube : Axis EO Sterilizers**

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