

# AXIS AX 160

## EO GAS STERILIZER



*160 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 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-160 Features

|                             |                        |
|-----------------------------|------------------------|
| Capacity                    | 160 liter              |
| Display                     | Dixell Controller      |
| Internal Dimensions (WxDxL) | 53x48x68 cm            |
| External Dimensions (WxDxL) | 60x60x84 cm            |
| Weight                      | 75 kg                  |
| Power                       | 400W                   |
| 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               |
| EO Cartridge                | ARQ-11 / ARQ-5 / AR-11 |

- 100% EO and 100% Safe
- Vacuum type sealing and gasket pressure plate
- With negative pressure operation
- Sterilization and Ventilation in the same cabinet
- 4 hour short program
- Practical and easy to use
- 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
- 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 160 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



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Axis EO Gas Sterilizers works with;  
**Axis EO Gas Cartridges (AR series)**  
 and these are consists of;  
 -Liner bag and tie-wrap  
 -100% Gas Cartridge of 11g or 5g  
 -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  
 -100% Gas Ampoule of 11g or 5g  
 -Humidity Chip  
 -Dosimeter Indicator (optional)



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

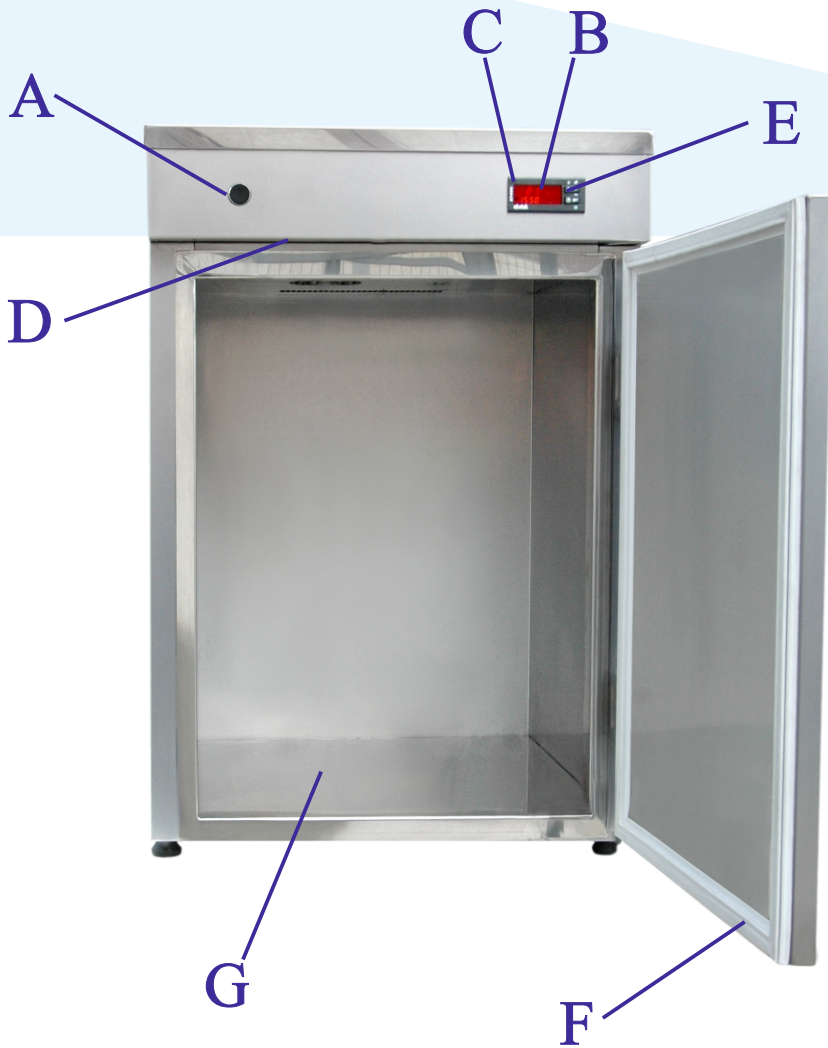
### How does it work?

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.





Dixell controller allows user to set up temperature, time, stop and start the cycle.

- A. On/Off Switch / EMERGENCY STOP
- B. Temperature Indicator
- C. Timer
- D. Door Sensor
- E. Start / Stop Button
- F. Seal
- G. Bottom Heater

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 AX-1800 EO Gas Alarm



- 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

## 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.

**YouTube** : Axis EO Sterilizers

