

AXIS EO GAS AMPOULES & CARTRIDGES



Plastic Cartridges



Metal Cartridges



Ampoules



KORDON

Tıp Sağlık Araç ve Gereçleri

Manufacturer: KORDON TIP SAGLIK ARAC GERECLERI

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AXIS EO PLASTIC GAS CARTRIDGES

Code	Active Ingredient	Shield	Net Content
AX11	100%	Polyurethane	11 g
AX15	100%	Polyurethane	15 g
AX20	100%	Polyurethane	20 g
AX22	100%	Polyurethane	22 g
AX24	100%	Polyurethane	24 g

Code	Ingredient	Shield	Net Content	Set Includes
AR11	AX11	Polyurethane	11 g	Liner bag+humidity chip+dosimeter
AR15	AX15	Polyurethane	15 g	Liner bag+humidity chip+dosimeter
AR20	AX20	Polyurethane	20 g	Liner bag+humidity chip+dosimeter
AR22	AX22	Polyurethane	22 g	Liner bag+humidity chip+dosimeter
AR24	AX24	Polyurethane	24 g	Liner bag+humidity chip+dosimeter

% 80 less gas consumption than the competitors

Axis EO Gas Cartridges (AR series) consists of;

- Liner bag,
- Gas Cartridge (11g-20g-22g-24g)
- Humidity Chip
- Dosimeter Indicator (optional)

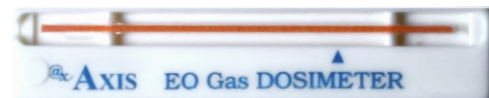


How does it work?

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

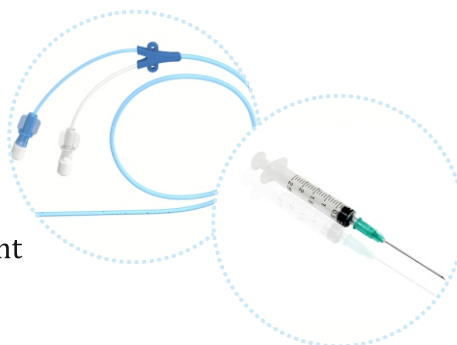
Liner bags allows EO gas circulation due its permable stucture. According to EO Gas Sterilizer volume, liner bag dimensions will change.

Humidity chips provide essential moisture inside the bag.



What can be sterilized with Ethylene Oxide?

- Heat- sensitive equipment
- Assembled complex devices
- Catheters
- Custom procedure packs
- Equipment with integrated electronics
- Multi-lumen tubing products
- Stents
- Wound care dressings
- Plastic, metal, and rubber
- Laparoscopic and endoscopic equipment
- Medical supplies



To be considered sterile, the color change from orange to blue of the bar must extend at least to the full scale thus indicating that a dose of 750 mg/liter-hours has been received. Dosimeter integrates the effects of time, temperature, humidity and gas concentration of EO in contact with it.



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AXIS EO GAS AMPOULES



Code	Active Ingredient	Shield	Net Content
AQ5	100%	Nylon	5 gr
AQ11	100%	Nylon	11 gr
AQ15	100%	Nylon	15 gr
AQ20	100%	Nylon	20 gr
AQ22	100%	Nylon	22 gr
AQ24	100%	Nylon	24 gr

Code	Ingredient	Shield	Net Content	Set Includes
ARQ5	AQ5	Nylon	5 gr	Liner bag+humidity chip
ARQ11	AQ11	Nylon	11 gr	Liner bag+humidity chip
ARQ15	AQ15	Nylon	15 gr	Liner bag+humidity chip
ARQ20	AQ20	Nylon	20 gr	Liner bag+humidity chip
ARQ22	AQ22	Nylon	22 gr	Liner bag+humidity chip
ARQ24	AQ24	Nylon	24 gr	Liner bag+humidity chip

% 80 less gas consumption than the competitors

Axis EO Gas Cartridges (AQ series) consists of;

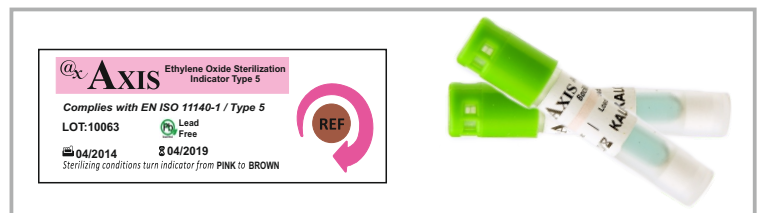
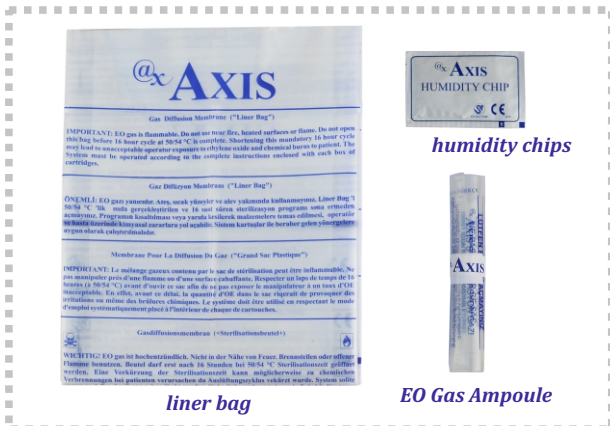
- Liner bag,
- Gas Ampoule (11g-20g-22g-24g)
- Humidity Chip
- Dosimeter Indicator (optional)

How does it work?

Simply put items to be sterilized into the Liner bag along with the Gas Ampoule and Humidity Chip then 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.



Axis sterilization control proudcts lik Type5 Chemical Indicators and Biological Indicators which includes *Bacillus atrophaeus* (ATCC 9372) spores which is most resistant to the EO Gas, helps user to control sterilization parameters.

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 are sterilized; no "shadowing"
- Compatible with all common packaging materials.
- Will not damage delicate instruments like harsh chemical sterilants.



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Code	Active Ingredient	Diameter x Height	Net Content
AL 7	100% Ethylene Oxide	22 x 58 mm	11g ±10%
AL 25		22 x 75 mm	25g ±10%
AL 67		35 x 105 mm	67g ±10%
AL 100		35 x 165 mm	22g ±10%
AX 67		38 x 105 mm	67g ±10%
AX 100		38 x 165 mm	100g ±10%
AX 127		38 x 165 mm	127g ±10%
AX 134		38 x 165 mm	134g ±10%
AQ 120		50 x 133 mm	120g ±10%
AQ 130		50 x 133 mm	130g ±10%
AQ 170		45 x 178 mm	170g ±10%
AQ 200		50 x 174 mm	200g ±10%
AQ 230		50 x 174 mm	230g ±10%

Compatible with;
 Belimed® – 3M Sterivac® – Amsco® – Hogner® – Del Giudice®
 MMM®– Quetzal® – Mazden® – BioMedica® – Mazzarotti®
 EO Gas Sterilizers.

Axis provides 100% Pure Ethylene Oxide Gas in aluminum cartridges with controlled quantities. This system provides safety in the sterilization areas, as the cartridge can only be punctured inside the sterilizer chamber from its metal cap. These cartridges are packed under strict safety regulations to meet the requirements of the sterilizers in the market. CE, ISO 13485 and ISO 9001 certified.



Features

- 100% Pure Ethylene Oxide.
- Bactericide, Viricidal and Fungicide Action.
- Single-use and Airtight.
- CFC Free (Freon) that does not affect the Ozone Layer.
- Safe for plant personnel.
- No special disposal is required

How does it work?

Prior to starting a sterilization cycle, the operator inserts the EO cartridge into the cartridge holder. After the completion of the sterilization and the aeration cycle, the empty cartridge can be simply removed from the cartridge holder and discarded with waste material. For running sterilizer please follow the sterilizer manufacturer instructions. Use Axis metal cartridges depend on the sterilizer manufacturer's instructions.

Generally:

1. Open the sterilizer door.
2. Insert the cartridge into the cartridge slot.
3. Close the sterilizer door.
4. Start the program.



Axis AX-1800 EO Gas Alarm

Applications include chemical and medicine (hospital sterilization facilities) and other areas where leakage or generation of ethylene oxide is possible. Measures the Ethylene Oxide concentration in air at the 0-99 ppm range

Kordon Tip Recommends



Ethylene Oxide Cartridges & Ampoules

Sterilizing Gas Ampoules



Model	Active Ingredient	Shield	Net Contents
AQ 5	%100	Nylon	5 g
AQ 11	%100	Nylon	11 g
AQ 15	%100	Nylon	15 g
AQ 20	%100	Nylon	20 g
AQ 22	%100	Nylon	22 g
AQ 24	%100	Nylon	24 g
AQ 30	%100	Nylon	30 g

Ampoule Based Cartridges



% 80 less gas than the competition

With Axis's match load to cartridge method, you never have to worry about tanks of EtO. Axis Products offers cutting-edge technologies and expertise in sterilization with the only system that offers multi-load capability.

The new diffusion chamber provides extra protection to the operator in case of accidental activation. Its robust design and polyurethane body make the EO Gas cartridge one of the most reliable tools for releasing the ethylene oxide gas.

Operator safety is ensured by the double protection of the trigger via a plastic lock and a safety seal.

Model	Active Ingredient	Shield	Net Contents
AX 5	%100	Polyurethane	5 g
AX 11	%100	Polyurethane	11 g
AX 15	%100	Polyurethane	15 g
AX 20	%100	Polyurethane	20 g
AX 22	%100	Polyurethane	22 g
AX 24	%100	Polyurethane	24 g

Cartridge Sets

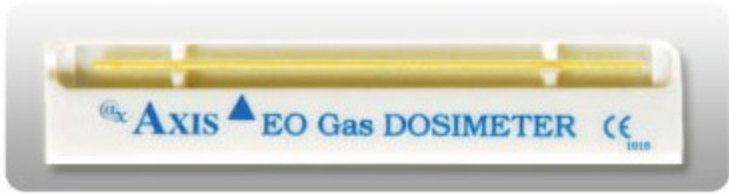


Aluminium package advantageous is prevent to dry humidity chip.

Dosimeters integrators alongs with time, temperature and EO concentration, plus checks the presence of adequate water vapor levels (relative humidity) which is last parameter of ETO sterilization. If color change yellow to blue must extend at least to the ▲ pointer, thus indicating that a dose of 750 mg/liter-hours has been received.

Putting whatever you wish to be sterilized into the Liner bag along with the Gas Cartridge, Humidity Chip, and Dosimeter and seal on any film sealing machine. When Liner Bag put in the sterilizer, press the button on the cartridge and the sterilization will begin.

The humidity chip consists of a wafer which has water and hydrophobic and water-permeable material which and function to prevent the damp inner wafer from directly contacting items to be sterilized during the gas sterilization process.



Model	Cartridge	Liner Bag	Humidity Chip	Dosimeter
AR 11	AX 11	22" x 36"	+	+
AR 15	AX 15	22" x 36"	+	+
AR 20	AX 20	22" x 36"	+	+
AR 22	AX 22	22" x 36"	+	+
AR 24	AX 24	22" x 36"	+	+
ARQ 5	AQ 5	18" x 24"	+	-
ARQ 11	AQ 11	22" x 36"	+	-
ARQ 15	AQ 15	22" x 36"	+	-
ARQ 20	AQ 20	22" x 36"	+	-
ARQ 22	AQ 22	22" x 36"	+	-
ARQ 24	AQ 24	22" x 36"	+	-



For More
Information!