

# ETHYLENE OXIDE GAS STERILIZATION DEVICES

## *Industrial Type*



## *Hospital Type*



*We produce for your health...*

**TEKNOMAR**<sup>®</sup>  
[www.teknomar.co](http://www.teknomar.co)

# TEKNOMAR BRAND ETO - C 1445 HOSPITAL TYPE ETHYLENE OXIDE GAS STERILIZER

**ETO - C 1445** is a low temperature ETO Gas Sterilizer enables you to sterilize your medical, surgical, laboratory tools and equipments. Low Temperature process assists you to sterilize your humidity and heat sensitive products with EO Gas ( C<sub>2</sub>H<sub>4</sub>O )

Ethylene Oxide Gas has been used for a long time as the cost effective and well-known product sterilization technique. Medical equipments require high disinfection before applying the product. **ETO-C 1445** provides high level sterilization with considering safety and low cost.



## MAIN SPECIFICATION

- Sterilizes Humidity and Heat Sensitive Products
- Negative Pressure Working Principle
- Operated Between 37-55 C° Temperature
- Durable Stainless Steel Chassis ( 316L )
- Neutralization Technique ( Water Scrubber Method ) for Dissolving EO Gas
- 4-6 Hours of Complete Sterilization Duration ( Average given duration )
- Multifunctional Chamber : Preconditioning, Gassing, Aeration in One Chamber
- Convenience with EO Cartridge and Cylinders.
- Sterilization with Different EO Gas Mixtures.
- Easy to Operate with Full Colored Wide Touch Screen Panel
- PLC Process Controlling
- Thermal Printer
- Personal Safety Features

**ETO-C 1445** comes with variety of choices with tailored manufacturing chamber options. Chamber and trays are made of stainless steel 316 L food grade material.

TEKNOMAR BRAND ETO-C 1445 HOSPITAL TYPE EO STERILIZER	CHAMBER MODELS	
	Cardio - Vascular Type ( Cylinder )	Table Top Type ( Rectangular )
	125 Lt.	135 Lt.
	175 Lt.	
Please ask for custom sizes*		
All Models Can Be Run By Cartridge and Cylinder EO Gasses.		

# TEKNOMAR BRAND ETO – C 1445 INDUSTRIAL TYPE ETHYLENE OXIDE GAS STERILIZER

Professional Handcrafted 1-5-10-15... 62-90 m3 or More - Tailored Manufacturing and Absorbable and Non-Absorbable Suture Sterilization Devices.

Industrial Type ETO Sterilizer ETO-C 1445 is the best solution partner for medical equipment manufacturers. Many of the items which are sensitive to heat and moisture can be sterilized with EO gas Sterilization. Bulk product manufacturers usually cannot find the best choice for sterilizing their products. ETO-C 1445 comes with different M3 options and will be your main asset of your production line.



## MAIN SPECIFICATIONS

- 37-55 C° Operating Temp – Negative Pressure Working Principle
- Sterilizes Humidity and Heat Sensitive Products
- All Stainless Steel Chamber and Parts (316L/304)
- Single or Double Door Selection
- Fireproof High-Tech Electronic Parts
- SCADA Process Control with Industrial PC
- Compatible With Different EO Gas Mixtures
- Compliance with EN 1422 – ISO 11135 norms
- CE marked
- Preconditioning, Gassing, Aeration in One Chamber
- EO Gas by Enhanced Neutralization Technique
- Detailed Reporting Function
- Easy Loading and Unloading Roller Systems
- Validation and Calibration Guaranteed For Different Products
- 6-8 Hours of Sterilization Duration
- Easy to Operate with Full Colored Wide Touch Screen Panel
- PLC Process Controlling
- Printer
- Personal Safety Features

For more information please contact us...

## CHAMBER DIMENSIONS

TEKNOMAR BRAND INDUSTRIAL TYPE ETO-C 1445 INTERIOR CHAMBER DIMENSIONS (CM)					
M <sup>3</sup>	PALLET	DOOR	W	D	H
1,0		Single	90	110	100
2,0		Single/Double	120	120	140
5,0		Single/Double	135	275	135
10,5	4	Single/Double	180	260	220
15,5	6	Single/Double	180	390	220
20,5	8	Single/Double	180	520	220
27	10	Double	220	520	220
34	12	Double	180	800	240
51	18	Double	260	775	250
62	24	Double	260	10,5	250

Custom made manufacturing is available per your preference.

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## TEKNOMAR® PRODUCT GROUP

- Ethylene Oxide Sterilizers (industrial & hospital type)
- H2O2 RF Plasma Sterilizers
- Topivac Negative Pressure Wound and Burn Care Devices
- Laminar Flow & Biosafety Cabinets (class I-II (A-B1-B2-B3) -III)
- Clean Room Applications (class 1000-10000-100000)
- Pathogen Ionizers (Air Purifying)
- Uv Sterilization Equipments (for dental, beauty centers, policlinic)
- Bug/ Plant Populations Growth & Climated Ünits
- Asepticizer/ Air Purifier
- Sterilization & Validation Services

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ISO 13485:2012  
ISO 9001:2015



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