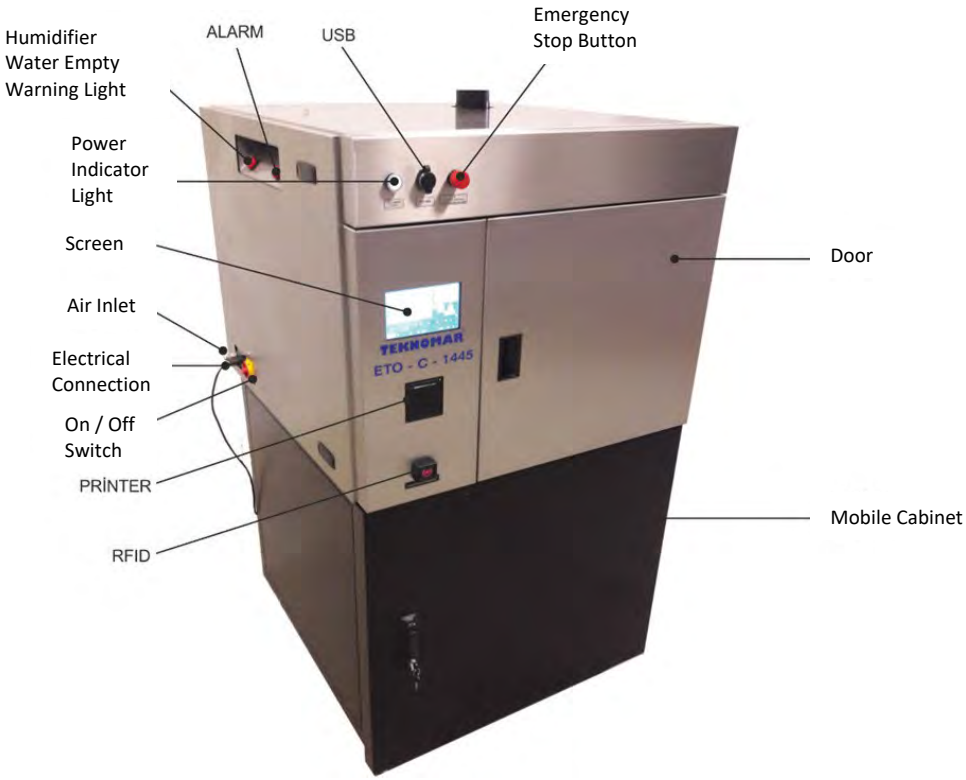
ETO C 1445

HOSPITAL TYPE ETHYLENE OXIDE GAS STERILIZATION DEVICE

Technical Specifications/Datasheet



ETO C 1445 INSTALLATION REQUIREMENTS	
DRAINAGE SYSTEM	Not Required
EXHAUST CONNECTION	PVC Pipe / Stainless Steel Pipe
REQUIRED OPTIMUM EXTERNAL OPERATING AIR PRESSURE	+4 / +13 or +6 / +8 Bar External Air
DEVICE OPERATING ENVIRONMET TEMPERATURE / HUMIDITY	Temperature: 20°C –30°C Humidity: 30-80 %Rh

ETO C 1445 – 134 ETHYLENE OXIDE STERILIZATION DEVICE TECHNICAL SPECIFICATION	
PRODUCT NAME	Ethylene Oxide Sterilization Device
ORIGINAL PRODUCT CODE (P/N)	ETO C 1445
PRODUCT BRAND / MODEL	TEKNOMAR / ETO C 1445
TYPE (Table Top, Vertical, Block)	Table Top
CLASS	Class IIb
WEIGHT (kg)	208 Kg
SHELF NUMBER AND TRAY NUMBER	2 Stainless Steel Trays
DEVICE INTERIOR AND EXTERIOR DIMENSIONS	External Dimensions 940(w) x 960(d) x 780(h) mm Chamber Dimensions 440(w) x 820(d) x 390(h) mm
EXHAUST HOOD	Included
DOOR FUNCTION (SINGLE / DOUBLE)	Single Door
DOOR WORKING FUNCTION	Semi-Automatic / Locked
Chamber Volume (Liter)	134 Lt. Prismatic Type (Net Usable Volume)

STERILIZATION TEMPERATURE	37-55 °C (±1 °C)
WORKING SYSTEM	Under Vacuum / -700mBar / Cartridge
WORKING PROGRAM	Vacuum, Humidification, Sterilization, Verification
VACUUM TYPE	External 6 Bar Air Vacuum Injection System or Vacuum Pump
STERILIZATION DURATION	55 °C 3 Hr / 37 °C 5 Hr
STERILANT	%100 Ethylene Oxide / 100 gr Aluminum Cartridge
STAINLESS STEEL QUALITY (Chamber, Jackets, Door, Outer)	Door 5083 Aluminum or Stainless Steel / Chamber 316 Stainless Steel / Outer 304 Stainless Steel / Outer Frame DKP Electrostatic Paint
PRINTER	Included, Thermal Printer Paper 57mm x 15m / 50mm/seconds
MENU LANGUAGE	Turkish/English
LOADING/UNLOADING	Manuel Load/Unload
WATER CONSUMPTION AND CONNECTION	15 cc water consumption for 20 sterilization cycle / no external water connection required
NEUTRALIZATION SYSTEM	Water Processing and Converting to Ethyl Glycol. Water scrubber/abator is included inside the device.
POWER CONSUMPTION	Max. 2,2 kW / Cycle
NUMBER OF AERATION	Min. 3, Max. 99 Units / Time Adjustable
SPECIFICATION OF LOADING SHELVES AND NUMBER	2 Units of Stainless Steel Loading Trays Tray Dimensions 385 x 605 x 80 mm
SPECIFICATION OF JACKET AND INSULATION	Plates (Thickness of 2,5 cm)
PROGRAM NUMBER	2 Programs at 37°C & 55°C / Adjustable Temperature and Duration Programs
TEMPERATURE SENSOR	PT100
PASSWORD FUNCTION	Password Security Level Protection Panel
SOFTWARE	PLC / HMI
WARNINGS (Screen Visual & Audio)	No Gas Cartridge Check No Water No Air Vacuum Warning Door Condition Check / Leakage Check Sterilization Not Completed
ELECTRONIC SPECIFICATIONS	PLC + 14 bit Analog Module, 14 input 10 output
RS232 and Software Connection	RS232 Connection

SPECIFICATION OF CONTROL PANEL (LCD/Touch screen)	Colorful LCD Touch Screen, Graphic Function Display
GASKET SYSTEM	ETO Gas Resistant Silicone Cap Gasket / Rubber Gasket
DOOR LOCKING MECHANISM	Latch, Secure Locking Mechanism
CONSUMPTION / CYCLE (ppm)	740 ppm (± 5) / %100 ETO 100 gr.
ELECTRICAL CONNECTIONS	220 V AC / 50 Hz Max 2.2 kW
SAFETY CLASS	IP20
BARCODE READER	Included
VALIDATION	Standard / Additionally done by Customer Preferences
QUALITY CERTIFICATES	ISO 9001 ISO 13485 CE 1984 Domestic Product Certificate
OTHER TECHNICAL SPECIFICATIONS (OPTIONAL)	It can work with EO cartridges and tubes can be controlled and connected remotely, can be connected to hospital equipment
ACCESSORY (OPTIONAL)	Basket tralley, cabinet base table

ETO C 1445 – 210 ETHYLENE OXIDE STERILIZATION DEVICE TECHNICAL SPECIFICATION	
PRODUCT NAME	Ethylene Oxide Sterilization Device
ORIGINAL PRODUCT CODE (P/N)	ETO C 1445
PRODUCT BRAND / MODEL	TEKNOMAR / ETO C 1445
TYPE (Table Top, Vertical, Block)	Table Top
CLASS	Class IIb
WEIGHT (kg)	230 Kg
SHELF NUMBER AND TRAY NUMBER	3 Stainless Steel Trays
DEVICE INTERIOR AND EXTERIOR DIMENSIONS	External Dimensions 904(w) x 1100(d) x 840(h) mm Chamber Dimensions 440(w) x 975(d) x 520(h) mm
EXHAUST HOOD	Included
DOOR FUNCTION (SINGLE / DOUBLE)	Single Door
DOOR WORKING FUNCTION	Semi-Automatic / Locked
Chamber Volume (Liter)	220 Lt. Prismatic Type (Net Usable Volume)

STERILIZATION TEMPERATURE	37-55 °C (±1 °C)
WORKING SYSTEM	Under Vacuum / -700mBar / Cartridge
WORKING PROGRAM	Vacuum, Humidification, Sterilization, Verification
VACUUM TYPE	External 6 Bar Air Vacuum Injection System or Vacuum Pump
STERILIZATION DURATION	55 °C 3 Hr / 37 °C 5 Hr
STERILANT	%100 Ethylene Oxide / 170 gr Aluminum Cartridge
STAINLESS STEEL QUALITY (Chamber, Jackets, Door, Outer)	Door 5083 Aluminum or Stainless Steel / Chamber 316 Stainless Steel / Outer 304 Stainless Steel / Outer Frame DKP Electrostatic Paint
PRINTER	Included, Thermal Printer Paper 57mm x 15m / 50mm/seconds
MENU LANGUAGE	Turkish/English
LOADING/UNLOADING	Manuel Load/Unload
WATER CONSUMPTION AND CONNECTION	15 cc water consumption for 20 sterilization cycle / no external water connection required
NEUTRALIZATION SYSTEM	Water Processing and Converting to Ethyl Glycol. Water scrubber/abator is included inside the device.
POWER CONSUMPTION	Max. 2,7 kW / Cycle
NUMBER OF AERATION	Min. 3, Max. 99 Units / Time Adjustable
SPECIFICATION OF LOADING SHELVES AND NUMBER	3 Units of Stainless Steel Loading Trays Tray Dimensions 385 x 900 x 800 mm
SPECIFICATION OF JACKET AND INSULATION	Plates (Thickness of 2,5 cm)
PROGRAM NUMBER	2 Programs at 37°C & 55°C / Adjustable Temperature and Duration Programs
TEMPERATURE SENSOR	PT100
PASSWORD FUNCTION	Password Security Level Protection Panel
SOFTWARE	PLC / HMI
WARNINGS (Screen Visual & Audio)	No Gas Cartridge Check No Water No Air Vacuum Warning Door Condition Check / Leakage Check Sterilization Not Completed
ELECTRONIC SPECIFICATIONS	PLC + 14 bit Analog Module, 14 input 10 output

RS232 and Software Connection	RS232 Connection
SPECIFICATION OF CONTROL PANEL (LCD/Touch screen)	Colorful LCD Touch Screen, Graphic Function Display
GASKET SYSTEM	ETO Gas Resistant Silicone Cap Gasket / Rubber Gasket
DOOR LOCKING MECHANISM	Latch, Secure Locking Mechanism
CONSUMPTION / CYCLE (ppm)	740 ppm (± 5) / %100 ETO 170 gr.
ELECTRICAL CONNECTIONS	220 V AC / 50 Hz Max 2.7 kW
SAFETY CLASS	IP20
BARCODE READER	Included
VALIDATION	Standard / Additionally done by Customer Preferences
QUALITY CERTIFICATES	ISO 9001 ISO 13485 CE 1984 Domestic Product Certificate
OTHER TECHNICAL SPECIFICATIONS (OPTIONAL)	It can work with EO cartridges and tubes can be controlled and connected remotely, can be connected to hospital equipment
ACCESSORY (OPTIONAL)	Basket tralley, cabinet base table

Firmamızın, teknolojik gelişmeler ve değişimler nedeniyle ürettiği cihazlar üzerinde spesifikasyon ve dizayn değiştirme hakkı saklı tutulmaktadır.