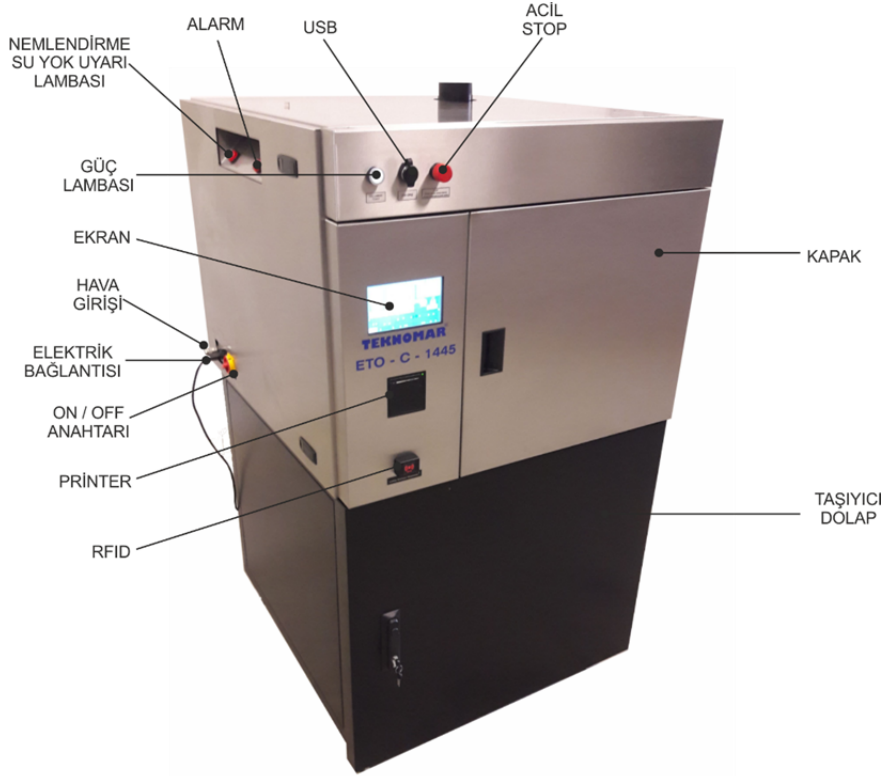


TEKNOMAR®

ETO C 1445

Hospital Type Ethylene Oxide Gas Sterilization Device

Technical Specifications/Datasheet



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 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.

STERILIZATION TEMPERATURE	37-55 °C (±1 °C)
WORKING SYSTEM	Under Vacuum / -600mBar / Cartridge
WORKING PROGRAM	Vacuum, Humidification, Sterilization, Aeration
VACUUM TYPE	Vacuum Injection System (6 bar)
STERILIZATION DURATION	55 °C 3 Hr / 37 °C 5 Hr
STERILANT	Ethylene Oxide / %100 ETO Cartridge
STAINLESS STEEL QUALITY (Chamber, Jackets, Door, Outer)	Door – Chamber 5083 Aluminum, 316L Stainless Steel (Optional) / Outer 304 Stainless Steel
PRINTER	Included, Thermal Printer Paper 57mm x 15m / 50mm/seconds
MENU LANGUAGE	Turkish/English
AUTOMATIC LOADING/UNLOADING	Manuel Load/Unload
WATER CONSUMPTION AND CONNECTION	15 cc water consumption for 20 sterilization cycle / no external water connection required
NEUTRALIZATION SYSTEM	Turning into Ethylene Glycol by Water Scrubber (on Vacuum Pump Based Models)
POWER CONSUMPTION	MAX 2,1 kW / Cycle
NUMBER OF AERATION	Min 3 Max 99 Number of Aeration
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 / Adjustable Temperature and Duration
TEMPERATURE SENSOR (PT100)	PT100 (1 Unit)
PASSWORD FUNCTION	Password Security Level Protection Panel
SOFTWARE	PLC / HMI
WARNINGS	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 Touch Screen
DOOR GASKET	ETO Durable Cyclone Rubber Gasket
DOOR LOCKING MECHANISM	Door with Latch Mechanism
CONSUMPTION / CYCLE (ppm)	740 ppm / %100 ETO 100 gr.
ELECTRICAL CONNECTIONS	220 V AC / 50 Hz Max 1,4 kW/h
SAFETY CLASS	IP20
BARCODE READER	Included
LOAD/UNLOAD CART	Not Included
VALIDATION	Standard / Additionally done by Customer Preferences
QUALITY CERTIFICATES	ISO 9001 ISO 13485 CE 1984 TS EN 1422 TS EN 11135-1

OTHER TECHNICAL SPECIFICATIONS (OPTIONAL)	ETO Cartridge and Cylinder Compatibility Remote Control / Connection to Hospital IT System , Original Machine Stands, Closet under Machine Stand
ETO C 1445 INSTALLATION REQUIREMENTS	
DRAINAGE SYSTEM	Not Required
EXHAUST CONNECTION	Stainless Steel Pipe
HOOD CAPACITY	210 m3/h
AIR CONNECTION	+3 - +12 bar
PERIODICAL MAINTENANCE	Semi-Annual – Annual