



GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

Digital Sterilmatic Sterilizer



Model	STM-ED
Exterior Dimensions (WxDxH)	18.8"x 31"x 27.6"
Interior Cylinder (DxL)	16" x 26"
Volume (cu.ft)	3
Temperature	225°-250°F 107°-121°C
Controller	LCD Touch Screen
Programmable Settings	Temperature, Time, Pressure

Applications

*Ergonomical, reliable and simple to operate, the versatile Sterilmatics provide the highest standards of sterilizing performance in a variety of facilities.

Operation

- *The sterilizing cycle is fully automatic with the time, temperature and venting controlled by the microprocessor based digital controller.
- *The sterilizing temperature can be set anywhere in a range from 225°F (107°C) and 250°F (121°C).
- *The onboard data logger records and stores the time, temperature, and pressure for each sterilization cycle.
- *The stored data can be either retrieved using a USB drive through the inbuilt USB port or printed out using an external printer. (Printer not included.)
- *Two exhaust speeds are also available, slow and fast, depending on sterilizing media.

Standard Features

- *LCD Display Touch Screen
- *Temperature in °F or °C
- *Sterilizing Temperatures from 225-250°F (107-121°C)
- *Choose from FAST or SLOW Exhaust
- *Built-In USB port and RS232 serial port for printer
- *Programable Controller to store multiple Temp/Time/Vent Settings
- *Maintains Set Temperature with Built-In Microprocessor
- *Electric Steam Trap
- *Removable Pan Supports
- *Manual fill

Construction

Cylinder
Sterilizing cylinder will be A.S.M.E. constructed and National Board Registered 3/16" (4.8mm) thick welded aluminum. Sterilizer exterior is made of polished stainless steel. Interior dimensions of 16" (406mm) in diameter and 26" (660mm) long with a cubic content of 5,220 cubic inches (85 liters) and will have a door opening of 13-1/2" (343mm) wide and 11" (279mm) high.

Analog Sterilmatic Sterilizer

Construction (cont.)

- *Sterilizing compartment will have a pan capacity of:
(3) 12" x 20" x 2-1/2" (305mm x 508mm x 64mm) or
(2) 12" x 20" x 4" (305mm x 508mm x 102mm) or
(1) 12" x 20" x 6" (305mm x 508mm x 152mm)

Door

- *The sterilizer door will be self-sealing type which cannot be opened until steam pressure is completely exhausted.
- *Door will be 12 gauge stainless steel, removable for cleaning without tools.
- *Door gasket will be one-piece molded, replaceable without tools or cement.

Electrical Requirements

- *Consult Geneva Scientific for electrical requirements and amperage draw.

Options

- *Stainless Steel Stand with Adjustable Shelf & Feet
- *Extra Shelf (For Stand)
- *Perforated Tray 12" x 20 x 2 1/2" (Unit will hold up to three of this size)
- *Perforated Tray 12" x 20 x 4" (Unit will hold up to two of this size as well as one 2 1/2")
- *Perforated Tray 12" x 20 x 6" (Unit will hold up to one of this size as well as one 2 1/2")
- *Wire Basket (12" x 20 x 2 1/2")
- *Wire Basket (12" x 20 x 4")
- *Exhaust Condenser (when unit can't be connected to outside vent). Water cooled. Needs cold-water connection.
- *Spare Parts Kit
- *Recording Thermometer (Provides Continuous 120 volts/60 Hz)
- *Recording Thermometer (Provides Continuous 200 volts/50 Hz)
- *Replacement 24 Hour Recording Chart (Fahrenheit)
- *Replacement 24 Hour Recording Chart (Celsius)



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