GENEVA SCIENTIFIC
LAB EQUIPMENT SOLUTIONS

Digital Sterilmatic Sterilizer

Model	GSM-85-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
*Egonomical, 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.

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 ½" (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 ½")
*Perforated Tray 12" x 20 x 6" (Unit will hold up to one of this size as well as one 2 ½")
*Wire Basket (12" x 20 x 2 ½")
*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)

Laminar Flow Hood   CO2 Incubators   Ultralow Freezers

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Specifications are subject to change without notice.
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