



GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

Analog Sterilmatic Sterilizer



Models	
GSM-85-E	Domestic Fixed Temp
GSM-85-EL	Domestic Adjustable Temp
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
Programmable Settings	3

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).
- *Included are three programmable buttons for easy retrieval of desired preset settings.
- *There is an on-board data logger/printer that records the time, temperature and pressure for each sterilization cycle. This data can be stored for future printing or be printed out following each cycle.
- *Two exhaust speeds are also available, slow and fast, depending on sterilizing media.

Standard Features

- *Automatic temperature control
- *Thermometer 180°-300°F (82°-149°C)
- *Safety valve
- *0-30 lb. steam gauge
- *0-60 minute timer
- * Low water cut-off
- *Thermostatic steam trap
- *Signal light
- *Flat perforated steam baffle
- *Removable pan supports
- *Adjustable 4" to 6" bullet feet
- *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.

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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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Specifications are subject to change without notice.
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