



Product Technical Data Sheet

Form No.: FTP-055 Rev.: E

Product Name: SteriTec Emu-Graph Emulator

Product Type: Chemical Emulator

Reorder Number: CI 131

Description: The SteriTec Emu-Graph emulator provides an integrated response to steam sterilization in pre-vacuum sterilizers operating at 132-135°C for 3 minutes or longer. The Emu-Graph gives a visible confirmation of the attainment of sterilization conditions at the location within the sterilizer chamber.

Performance Characteristics:

The Emu-Graph has two different indicator inks printed on each indicator. The user can determine:

1. If neither indicator bars turn green, the emulator has been subjected to insufficient steam sterilization conditions.
2. If the 2 MIN bar turns green, biological kill was achieved, but not with a sufficient safety margin.
3. If the both bars turn green, a sufficient safety margin was obtained.

Color Change: Purple to Green.

Critical Parameters: (in a hospital steam prevacuum sterilizer)

Indicator	Time at 132°C	Time at 134°C	Time at 135°C
2 MIN	2 minutes	1.5 minutes	1 minutes
4 Min	4 minutes	3.5 minutes	3 minutes

Stated Values: (as determined in a steam resistometer)

Indicator	Time at 132°C	Time at 134°C	Time at 135°C
2 MIN	3 minutes	2 minutes	2.25 minutes
4 Min	4.5 minutes	4 minutes	3.75minutes

Indicator Stability: Before and After Sterilization = Excellent

Physical Characteristics:

Lamination: Top and Bottom

Dimensions: 3" L X .75" W

Indicator Substrate Material: Print Blotter

Quantity / Bag: 250

Bags / Case: 20

Selling Unit: Case

Environmental Limitations:

Storage: 32° - 104°F (0° – 40°C) at 10-90% humidity when stored in the re-sealable bag provided.

Shelf Life: 3 years from date of manufacture

FDA 510(k) Release to Market Date: None. Not for release in USA.

Standards Classifications:

ISO 11140-1:2005, Class 6

ITEM: SteriTec Emu-Graph Emulator, CI 131

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Change History

CO Number	Rev	Change Description	Date Released
1569	D	Updated critical parameters and stated values. Updated standards.	08/04/2008