

Product Specification

ExpoSure®

Product Description

ExpoSure® is a self-contained biological indicator (SCBI) consisting of a quartz fiber disc inoculated with a sterilization-resistant spore population encased in a polypropylene vial with a process indicator on the label. Each vial also contains a sealed glass ampoule containing modified Tryptic Soy Broth with Bromocresol Purple pH indicator. The vial is closed with a polypropylene cap with two side-oriented holes to allow for sterilant penetration. To prevent post-sterilization contamination, each cap is fitted with a Tyvek® filter. To prevent media evaporation the cap is depressed to seal the two sterilant penetration holes. When the ampoule is crushed and incubated at the appropriate temperature, the organism will grow. The physical characteristic showing growth is a color change from purple to or toward yellow and/or turbidity.

Technical Parameters

Organism	<i>Geobacillus stearothermophilus</i> 7953 ¹
Spore Count	≥1.0 x 10 ⁶
D-Value	0.75-6.0 seconds
Z-Value	NA
Incubation	Time: 24 hours Temperature: 55-60°C
Storage	2-25°C, ≤60% RH
Shelf-Life	12 months
Nominal Dimensions	Diameter: 10.5mm Height: 52.3mm

¹ or equivalent recognized culture collection strain

Indications for Use

ExpoSure is designed specifically to be used as a method for routine monitoring in the following STERRAD® models/cycles:

- STERRAD® 50
- STERRAD® 100S
- STERRAD® 200
- STERRAD® NX (Standard & Advanced)
- STERRAD® 100NX (STANDARD, FLEX, DUO AND EXPRESS)

Packaging

ExpoSure units are packaged in quantities of 30 SCBIs in smooth chipboard boxes.

Labeling

- Units are individually labeled with lot number and expiration date.
- Each box contains a self-adhesive label on the outside to further identify the product.

Reorder Information

- EXPO/6 (30/box plus crusher)

