

Product Specification

Smart-Read™ EZTest®

Product Description

Smart-Read® is a self-contained biological indicator consisting of a sealed glass ampoule containing a proprietary soybean-casein digest broth with a pH indicator Bromocresol Purple; a paper carrier inoculated with a sterilization-resistant spore population; both enclosed in a clear polypropylene molded body with a Type 1 process indicator. The product is intended for use with the Smart-Well Incubator. 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 ⁵ ≥1.0 x 10 ⁶
D-Value	≥1.5 minutes
Z-Value	≥6°C
Incubation	Time: 10 hours Temperature: 58-62°C
Storage	Room temperature. Do not desiccate.
Shelf-Life	24-month from date of manufacture
Nominal Dimensions	Diameter: 10.5mm Height: 50.8mm

¹ or equivalent recognized culture collection strain

Indications for Use

Smart-Read EZTest is a self-contained biological indicator for use in monitoring the efficacy of 121°C, 132°C, 134°C and 135°C steam sterilization cycles.

Packaging

Self-contained units are packaged in boxes of 100 or 25 units. The boxes are made of chipboard.

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

- SEZS/5 (100/box of 10⁵)
- SEZS/525 (25/box of 10⁵)
- SRSP/25 (25/case of 10⁵ test packs)
- SEZS/6 (100/box of 10⁶)
- SEZS/625 (25/box of 10⁶)
- SRSP6/25 (25/case of 10⁶ test packs)
- Smart Well Incubator Kit
 - SWI1710-4 (Australia)
 - SWI1710-3 (Europe)
 - SWI1710-5 (U.K.)
 - SWI1710-1 (U.S.A.)



Smart-ReadEZTest®