

Product Specification

MesaDisc - Steam

Product Description

MesaDisc Steam consists of a paper disc inoculated with a sterilization-resistant spore population packaged in a glassine envelope, or bulk without an envelope. The glassine envelope serves as a microbial barrier that protects the spore disc from post sterilization contamination.

Technical Parameters

Organism	<i>Geobacillus stearothermophilus</i> 7953 ¹
Spore Count Options	≥1.0 x 10 ⁵ ≥1.0 x 10 ⁶
D-Value	≥1.5 minutes
Z-Value	≥6 °C
Incubation	Time: 7 days Temperature: 55-60°C Media: SCDB
Storage	Room temperature. Do not desiccate.
Shelf-Life	12 months from date of manufacture
Nominal Dimensions	Disc: 6mm Envelope: 25 x 76mm

Indications for Use

MesaDisc Steam is an industrial use biological indicator that can be used to monitor the efficacy of steam sterilization cycles across a wide range of temperatures.

Packaging

MesaDiscs are available in bags of 100 individual glassine-wrapped discs or bulk discs directly packaged into a foil pouch.

Labeling

- The glassine envelopes are labeled with product type, organism, lot number and expiration date.
- Each bag contains a self-adhesive label on the outside to further identify the product.

Reorder Information

- DS6R/5 (100 x 10⁵ discs, bulk)
- DS6R/6 (100 x 10⁶ discs, bulk)
- DS6R/6G (100 x 10⁶ discs in glassine)



¹ or equivalent recognized culture collection strain