

# Product Specification

## Apex Disc- Tri-Scale *Geobacillus stearothermophilus* 12980

### Product Description

Apex Biological Indicators (BI) consist of stainless-steel carriers inoculated with a monolayer of sterilization resistant spores. Tri-Scale discs are packaged in a Tyvek® envelope to protect from post process contamination and has small holes to facilitate hanging. Each envelope contains one each of three different populations of spores, sealed in separate compartments.

### Technical Parameters

<b>Organism</b>	<i>Geobacillus stearothermophilus</i> 12980 <sup>1</sup>
<b>Spore Count (one disc each in set)</b>	≥1.0 x 10 <sup>4</sup> ≥1.0 x 10 <sup>5</sup> ≥1.0 x 10 <sup>6</sup>
<b>Typical D-Value</b>	No standard range
<b>Z-Value</b>	NA
<b>Incubation</b>	Time: 7 days Temperature: 55-60°C Media: SCDB
<b>Storage</b>	2-8°C <50% relative humidity
<b>Shelf-Life</b>	9 months from date of manufacture
<b>Nominal Dimensions</b>	Disc: 9mm diameter x 0.2mm thickness Tri-Scale Envelope: 64 x 85mm

### Indications for Use

Apex Biological Indicator products are designed specifically for the pharmaceutical, food, and medical device industries utilizing hydrogen peroxide vapor sterilization. Tri-Scale BI's conveniently provide three different populations to assist in initial validations, evaluations of unique enclosures, monitoring identified worst-case enclosure locations, etc.

### Packaging

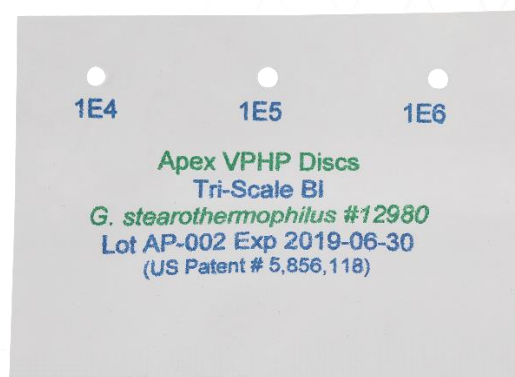
Apex Tri-Scale BI discs are packaged in a medical grade Tyvek® envelope which is permeable to H<sub>2</sub>O<sub>2</sub> vapor. These envelopes are placed in clear, plastic bags and sold in increments of 50.

### Labeling

- The Tyvek envelopes are labeled with product type, organism, lot number and expiration date.

### Reorder Information

- LOG-456 (50/package)



<sup>1</sup> or equivalent recognized culture collection strain