

Biological indicator BI PBI-050

for use in biological monitoring VH_2O_2 sterilization processes

description

Each STERIM® VH_2O_2 self-contained biological indicator (BI) contains *Geobacillus stearothermophilus* bacterial spores and growth media with a chemical indicator label printed with lot and expiration date. After processing, the SCBI is activated and then incubated at 55-60°C for 24 hours. STERIM® VH_2O_2 BI is intended for monitoring the efficacy of all hydrogen peroxide (VH_2O_2) cycles including the STERRAD® and VPRO® Sterilization Systems. Final results are known in 24 hours, however users should look for failed tests at regular intervals (i.e. 3 hours, 5 hours, 8 hours).

features and benefits

- Easy to use - Simply process the BI in a normal size load.
- Easy to read - distinct color change from purple to yellow shows spore growth.
- Chemical indicator on label - confirms that sterilization process has occurred.
- Fits competitor's dry block incubators - INFORMER MED manufactures a dry block incubator when replacements are needed. The incubator is pre-set to the correct temperature range and has 15 wells.
- Fast results - Documentation is available after 24 hours incubation.

instruction for use

1. Record sterilizer number and the process date on the BI label. Place the BI into a Tyvek pouch.
2. Place the pouch in the most challenging area to sterilize as determined by the sterilizer manufacturer.
3. Process the load according to the sterilizer manufacturer's instructions.
4. Following the cycle, remove the BI and confirm that the indicator printed on the label has changed to blue.
5. Activate the processed BI by gently crushing the inner glass media ampoule using a vial crusher.
6. Incubate at 55-60°C for 24 hours checking for spore growth at regular intervals (i.e. 3 hours, 5 hours, 8 hours).
7. An unprocessed BI should always be incubated as a control in order to document test result integrity.



norms

ISO 11138-1
EN-867-3
ANSI/AMII ST46: 2002

storage and expiry date

Store in dry place,
in temperature range up to 30°C.

Expiry date is mentioned
on the test pack label.

catalogue number and unit package

**STERIM® VH_2O_2 Self-Contained
Biological Indicator
PBI-050 - 50 pcs per box**
**55-60°C Dry Block Incubator - 11mm
INC-060 - ea**