

# How to Use the STERRAD VELOCITY™ System

## 1. Set Up



- Prior to using STERRAD VELOCITY™ Biological Indicator (BI), check the expiration date on the box and vial and check the discard date (3 months after first opening the foil pouch).

*NOTE: If a sticker is used, do not place it on the cap or the bottom of the vial. Do not place marks on the barcode or sterilant ingress windows.*

## 2. Sterilization Cycle

- If the STERRAD® Sterilizer is equipped with a scanner, scan the BI barcode on the cap label.
  - Place the STERRAD VELOCITY™ BI in the most challenging area for the sterilant to reach.
    - STERRAD NX® and 100NX: place on the bottom shelf close to the rear of the chamber
    - STERRAD® 100S: place on the bottom shelf close to the front of the chamber
- NOTE: DO NOT place the BI in a pouch with the load during the sterilization cycle. BI may be taped to a load using STERRAD® SEALSURE® tape.*

## 3. Post Sterilization



- ASP recommends gloves to be worn when handling the STERRAD VELOCITY™ BI as peroxide exposure can result if the media ampoule is broken.
- Immediately after the cycle is completed, remove the BI from the sterilizer.
- Inspect the BI to ensure that the growth medium is purple, the ampoule remained intact during the sterilization cycle, and the spore disc is lying horizontally in the bottom of the growth reservoir.

## 4. Prepare BI For Incubation



- Touch an available well indicator number on the reader's touch screen.
- Touch "Test" when asked what type of BI will be added.
- Scan the barcode on the cap label using the barcode scanner on the front of the reader.
- Inspect the chemical indicator, on the top of the cap, for color change from red/pink to yellow to confirm that the BI has been exposed to hydrogen peroxide.

## 5. Activate And Incubate BI



- Activate BI before placing it in the reader. To activate, completely press cap down until the glass ampoule breaks, and visually inspect to ensure the glass ampoule has broken. Shake rapidly to ensure liquid flows into the growth reservoir. Failure to do so may result in incorrect reading.
- Place the processed BI in the selected Reader well.

*NOTE: The BI must be placed in the Reader within 2 hours of completing the sterilization cycle.*

## 6. Result Interpretation



- After 30 minutes, the STERRAD VELOCITY™ Reader will display and record the results.
- A negative result on a test BI signifies that a sterilization condition was achieved. Test BI results are only valid with positive control results.

**NOTE: Do not remove the biological indicator from the reader until the reader display indicates the test is complete.**

## 7. Positive Test BI Results

- A positive result on a test BI signifies that a sterilization condition was not achieved. If a positive result is observed:
  1. Follow your facility's procedures regarding quarantine, or retrieval, and reprocessing of potentially non-sterile instruments and notification of the physician(s).
  2. Repeat the test with a second BI. If the second BI is negative, run a third BI to confirm sterilizer performance. If either the second or third BI is positive:
    - a) Report the positive BI to ASP including the product lot number.
    - b) Have the sterilizer checked by ASP and do not use the sterilizer unit until it has been checked.

## 8. Disposal



- Discard STERRAD VELOCITY™ BI vials immediately after final reading according to your facility's procedures.
- Any positive BI, including a positive control BI or any biological indicator from a cancelled cycle, should be autoclaved for at least 30 minutes at 121°C (250°F) or per your hospital or healthcare facility's policies and procedures.

This chart is a reference tool for the STERRAD VELOCITY™ Biological Indicator System. Please always refer to the complete User's Guide and Instructions For Use for additional processing details.

For more information, contact your local ASP Representative or visit [www.emea.aspjj.com](http://www.emea.aspjj.com)

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