Advanced Sterilization Products

STERRAD VELOCITY®

Biological Indicator/Process Challenge Device

The *first and only* all-in-one BI and PCD for hydrogen peroxide sterilization that meets AAMI Recommended Practices

Meets the guidance of

AAMI | AORN

What is a PCD?

Biological indicators (BIs) demonstrate whether conditions were adequate to achieve sterilization.

Process Challenge Devices (PCDs/Test Packs) provide a challenge greater than or equal to your most challenging instrument to sterilize. By combining the most-difficult-to-reprocess device scenario with the hardest-to-kill spores, PCDs assure sterility by providing a challenge greater than or equal to the worst case devices.[1] PCDs are used to assess the effective performance of sterilization procedures. PCDs have been regularly used in steam for many years to challenge the sterilization process.

PCDs provide an equal or greater challenge than your most difficult devices to sterilize.

STERRAD VELOCITY® BI/PCD is the first and only all-in-one biological indicator and process challenge device for hydrogen peroxide sterilization.

Why is accuracy important?

In close partnership with medical device manufacturers (MDMs), ASP thoroughly analyzed more than 15,000 in-use STERRAD® System cycles to define the narrow window between the most challenging device configurations and cycle parameter limits.

Accuracy assures sterility while reducing errors, like false positives.

False positives can result in higher material and labor costs from:

- Wasted sterilant
- Instrument re-wrapping
- Possible patient notifications/antibiotics
- Delayed instrument turnaround
- Unnecessary recalls

When there is no room for error, you can trust in the accuracy of ASP's STERRAD VELOCITY® System from the leader in low temperature sterilization technology.

Did you know that AAMI ST58:2013/(R)2018 recommends a BI/PCD for low temperature sterilization?

Industry standards note the importance of use of BI/PCDs for monitoring sterilization cycles as an integral part of a sterilization quality control program.[2] That's why these standards recommend using BI/PCDs daily and preferably in every cycle to help ensure consistent sterilization effectiveness.

A PCD should be used daily and preferably in every sterilization cycle.

Monitors for consistent sterilization effectiveness.

Routine use of BI/PCDs are recommended by AAMI in both steam[3] and low temperature sterilization.[2] ASP designed a BI/PCD to seamlessly integrate into your BI processing workflow and meet the AAMI recommended practices for low temperature sterilization.

STERRAD VELOCITY® BI/PCD is the only BI/PCD for low temperature sterilization that meets ANSI/AAMI ST58:2013/(R)2018 and AORN guidelines for monitoring with PCDs every cycle.

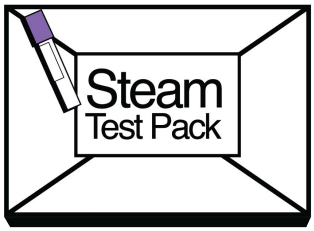
STERRAD VELOCITY® BI/PCDs provide confidence for every patient that no other BI can.

ANSI/AAMI ST58:2013/(R)2018

Biological Indicator

9.5.4.1 General considerations

"Biological indicators are intended to demonstrate whether the conditions were adequate to achieve sterilization. A negative BI does not prove that all items in the load are sterile or that they were all exposed to adequate sterilization conditions."

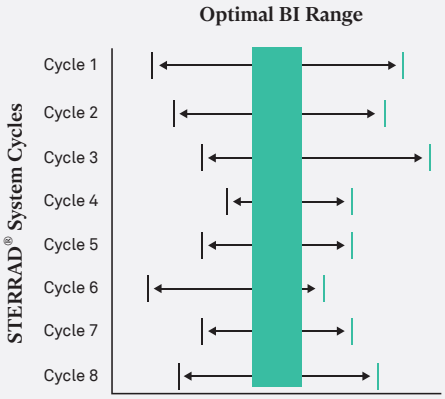


ANSI/AAMI ST58:2013/(R)2018

Process Challenge Device

9.5.4.1 General considerations

"Process challenge devices (PCDs) are challenge test packs containing a BI or a BI and a CI. A PCD is used to assess the effective performance of a sterilization process by providing a challenge to the process that is equal to or greater than the challenge posed by the most difficult item routinely processed."



ANSI/AAMI ST58:2013/(R)2018

9.5.4.2 Using biological indicators and process challenge devices

"Health care personnel should use the BIs and PCDs recommended by the manufacturer..."

"Information should be obtained from the BI and PCD manufacturers on the reliability, safety, and performance characteristics of their products."

ANSI/AAMI ST58:2013/(R)2018

9.5.4.3 Frequency of use of biological indicators and process challenge devices

"A PCD with the appropriate BI should also be used at least daily, but preferably in every sterilization cycle..."

"The condition of the sterilizer equipment, the expertise of the sterilizer operator, and other factors determining the success or failure of a sterilization cycle could vary from one cycle to another. The less frequently the sterilizer is used, the greater the opportunity for the occurrence of an unnoticed event..."

[1] ASP's STERRAD VELOCITY BI/PCD utilizes a highly resistant ISO 11138-1 Biological Indicator equivalent to more than 6 log of geobacillus stearothermophilus that provides sterility assurance through a resistance greater than or equal to the most challenging hospital defined load.

[2] AORN section 10.7.1, AAMI ST58:2013/(R)2018 section 9.5.4.3, AAMI TIR31 2008

[3] AAMI ST79:2017, section 13.5.4

Protecting patients during their most critical moments™

SYSTEM ORDERING INFORMATION:

PRODUCT CODE	DESCRIPTION
43220	STERRAD VELOCITY® System
43210	STERRAD VELOCITY® BI/PCD (60 BI/PCDs)
43221	STERRAD VELOCITY® System Printer
10308	STERRAD VELOCITY® System Optional Handheld Scanner
10305	Thermal Print Paper for STERRAD® Systems (12 rolls/case)

For more information contact ASP customer service at 1-888-STERRAD or visit www.asp.com

Important information: Prior to use, refer to the complete instructions for use supplied with the device(s) for proper use, indications, contraindications, warnings and precautions.

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Advanced Sterilization Products

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