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Система биологических индикаторов STERRAD VELOCITY



STERRAD VELOCITY™ Biological Indicator System

Fully integrated, smart Biological Indicator/Process Challenge Device (BI/PCD) system that provides sterility assurance

Intuitive interface quickly and compliantly guides users through BI processing to produce audit-ready records

Overview

The STERRAD VELOCITY™ System comprises of the STERRAD VELOCITY™ Biological Indicator/Process Challenge Device (BI/PCD) and the STERRAD VELOCITY™ Reader. It is manufactured specifically for use in STERRAD™ Systems and is the only BI/PCD validated by the manufacturer of STERRAD™ Systems.

The STERRAD VELOCITY™ BI/PCD is an easy-to-use, self-contained BI and PCD that reads with certainty, providing fast and efficient sterility assurance that helps to improve instrument turnaround time.^{1, 2}

- As a BI, STERRAD VELOCITY™ BI/PCD complies with ISO 11138-111
- As a PCD, STERRAD VELOCITY™ BI/PCD assures sterility by providing a challenge greater than or equal to the most challenging location in the most challenging device¹

- When used in conjunction with the STERRAD VELOCITY™ Reader, it delivers a readout time of 15 or 30 minutes (depending on reader software version; see BI/PCD IFU)

It is the only BI/PCD system that communicates with STERRAD™ sterilizers, thereby enabling the automatic documentation of each cycle and allowing users to quickly and compliantly carry out BI processing, to produce audit-ready records.²

The STERRAD VELOCITY™ BI/PCD and STERRAD VELOCITY™ Reader are intended to be used for:

- Frequent monitoring and periodic testing of STERRAD™ Sterilization Systems and their respective cycles (at each cycle or at defined periodicity according to applicable recommendations and standard operating procedures for hospitals)¹
- Qualifications of STERRAD™ Systems after installation, sterilizer relocation, major repairs or for periodic requalification according to ISO 14937.5¹
 - For qualifications, STERRAD VELOCITY™ BI/PCD is used in conjunction with reference loads from the STERRAD VELOCITY™ System Validation Kit, which are defined for each STERRAD™ System and cycle¹

Features

Rapid BI readout

- Read time of 15-minutes^{3*} – allows users to know the result before they release the load
- Reduces instrument turnaround time, helping users to meet the demands of OR schedules²
- Built-in chemical indicator allows for quick identification of processed versus unprocessed BIs²
- Multiple wells in the reader³ facilitate its use in larger hospitals which use multiple STERRAD™ Systems

Reads with Certainty

- Uses advanced optical measurement technology to detect biological activity²
- Eliminates subjectivity seen with visual interpretation of results²

Streamlines BI Processing and Record-Keeping

- Only releases instruments when they are ready, reducing the risk of releasing instruments prior to BI confirmation^{2, 3}
- Automatic record keeping provides consistent and complete BI records, aiding compliance²
- Compatible with ASP ACCESS™ Technology, allowing automatic correlation of

STERRAD™ System cycle records and BI results²

- On-board barcode scanner eliminates the need for manual data entry, minimising the risk of error²

User-friendly

- Intuitive touch-screen interface provides step-by-step instructions, reducing user errors²
- BI results are displayed clearly and easy-to-read countdown timers are shown for each well²
- On-screen, audible alerts update staff with critical information²

Software

ASP ACCESS™ Technology is a smart information-sharing technology that seamlessly connects, correlates, and communicates vital reprocessing information across ASP devices and hospital network systems.⁴ It works to enhance compliance through reducing the risk of human error, and optimise reprocessing efficiency through automation of record-keeping and the provision of performance data.⁴

- Enables seamless communication between STERRAD™ Systems, STERRAD VELOCITY™ , instrument tracking systems (ITS) and hospital networks⁵

- Automatically correlates sterilization cycles and BI results to produce audit-ready data⁴
- Cloud technology enables staff to access reprocessing records from any location and receive alerts via email/text⁴

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