



Sterilisation assurance

Simplify. Standardise. Streamline.

When the pressure is on, you're at your best

You're pressed for time, with a lot riding on how you perform. Our sterilisation monitoring solutions are designed to **simplify**, **standardise and streamline** operations.



More assurance to help you deliver a high standard of care

Patients exposed to contaminated instruments are at risk to develop surgical site infections. This exposure risk, plus antibiotic-resistant bacteria and hard-to-clean medical instruments and devices make your role especially critical.

With the science of Solventum behind you, you can make sure every sterilisation cycle is monitored prior to instrument use in surgery so every patient receives the highest level of care.

The Bowie-Dick revolution begins

A lot is dependent on your steam steriliser. You need pass/fail results quickly and definitively, without guesswork, while improving workflow. The 3M[™] Attest[™] eBowie-Dick Test System revolutionises sterilisation testing and delivers automated results. The same testing method you've always trusted, now digital.





No more guesswork

Provides quick, definitive pass/fail results of your steam steriliser, removes subjective interpretations and provides more assurance and confidence.



Enhances workflow

Removes the burden of paperwork and eliminates manual record keeping — save time and operate more efficiently.



Innovative technology

First-of-its-kind system backed by Solventum science — so innovative, it's in a category of its own created by the FDA.

Designed for sustainability

The 3M[™] Attest[™] eBowie-Dick Test System is part of our Strategic Sustainability Framework, which can help drive your own sustainability efforts.

- 1. The card holder is made of polyetherimide (PEI) plastic, a high performance thermoplastic known for durability and recyclability. This can be recycled by specialist recyclers. It should not be placed in general plastic recycling bins.
- 2. eBowie-Dick test cards can significantly reduce paper waste entering a hospital's waste stream by approximately 40kg per steriliser per year. This is calculated by comparing waste generated by 3M Bowie-Dick paper test packs (approx. 130g each pack) to Bowie-Dick 10135B product and packaging case weight (approx. 8g each card).*
- 3. No intentionally added natural rubber latex in the product or primary packaging.

Be more confident with our sterilisation assurance solutions that help you tackle daily challenges, improve workflows and reduce costs.



Steam biological indicators

3M[™] Attest[™] Super Rapid Readout Biological Indicators for Steam

Biological indicators (BIs) are key to complying with standards and guidelines and protecting patient safety. As a leader in the field, Solventum has been developing and improving technology for sterilisation assurance for decades.

- Results in just 24 minutes* when used in conjunction with the 3M[™] Attest[™] Auto-reader 490 or 3M[™] Attest[™] Mini Auto-reader 490M.
- In Auto-reader, there is no need to select the incubation program and temperature. Preconfigured incubation wells can help reduce the risk for user error.
- Auto-reader detects insufficient activation of biological incubator automatically.

*When used with 3M[™] Attest[™] Mini Auto-reader 490M or with 3M[™] Attest[™] Auto-reader 490 or 490H with software version 4.2.7 or greater.





Auto-power Designed to eliminate user error



Only BI products with BSI Kitemark[™] certification of ISO 11138 standard



VH2O2 biological indicators

3M[™] Attest[™] Rapid Biological Indicator for VH2O2

Get the confidence of accuracy. The 3M[™] Attest[™] Rapid Readout Biological Indicator 1295 reliably monitors VH2O2 sterilisation processes and provides accurate results in 24 minutes.*

- BI has 31 U.S. FDA cleared VH2O2 sterilisation cycle types.⁷
- At 10 mg/L, has one of the highest test concentrations of VH2O2 BIs cleared.⁷
- Longer kill times and higher test concentrations correspond to a stronger challenge to the process and are a closer representation of sterilisation cycle conditions.⁸
- A longer shelf life can be better for inventory management.
- In Auto-reader, there is no need to select the incubation program and temperature. Preconfigured incubation wells can help reduce the risk for user error.
- Auto-reader detects insufficient activation of biological incubator automatically.



31 U.S. **FDA-cleared** VH2O2 sterilisation cycle types⁷



24-month shelf life



Only BI products with BSI Kitemark[™] certification of ISO 11138 standard

*When used with 3M[™] Attest[™] Mini Auto-reader 490M or with 3M[™] Attest[™] Auto-reader 490 or 490H with software version 4.2.7 or greater.



Steam chemical indicators

3M[™] Attest[™] Steam Chemical Integrators, Type 5

Choose the product that's easiest to find and easiest to read when compared to other Type 5 chemical integrators tested.^{3,4}

- Indicated as easiest to read result by 66% of operating room (OR) nurses/central sterile services department (CSSD) managers.⁴
- Preferred overall by 76% of OR professionals when compared to leading competitors' Type 5 chemical integrators tested.⁵
- Fast and easy-to-read shows progression across red 'reject' and green 'accept' zones.
- Robust technical design tested against extreme steam sterilisation cycles across the world.





66% of OR nurses reported easiest to read⁴



High-performance level compared to Types 4 and 6⁶

Sterilization Indicators KITEMARK^M

Only Type 5 chemical integrator with BSI Kitemark[™] certification

VH2O2

VH2O2 chemical indicators

3M[™] Attest[™] Vaporized Hydrogen Peroxide (VH2O2) Tri-Metric Chemical Indicator, Type 4

Solventum continues to lead the way with chemical indicators (CIs). 3M[™] Attest[™] Vaporized Hydrogen Peroxide Tri-Metric Chemical Indicator 1348/1348E provides a higher level of quality assurance for monitoring VH2O2 sterilisation processes compared to all Type 1 and Type 4 VH2O2 CIs tested.⁹

- Easy-to-read 'accept' and 'reject' zones and clearly shows progression of response to critical variables.
- More accurately measures failures than any other CI tested.⁸
- More color stable than all competitive VH2O2 CIs tested and won't change color before sterilisation under ambient light for eight weeks.⁸

Standardise to Solventum's full system of VH2O2 sterilisation assurance products; VH2O2 CIs, BIs and indicator tape have consistent blue-toward-pink color change.





First U.S. FDA-cleared VH2O2 CI that measures exposure time, temperature and concentration¹⁰



More accurately **measures** failures than any other CI tested⁸



Only Type 4 VH2O2 CI with BSI Kitemark[™] certification of ISO 11140-1:2014

Auto-readers for both steam and VH2O2



Get results for both steam and VH2O2 in one reader in just 24 minutes.* Place any 3M[™] Attest[™] Super Rapid Steam BI and VH2O2 BI in any well of the 3M[™] Attest[™] Auto-reader* at the same time. There is no need to select the incubation program and temperature. Preconfigured incubation wells can help reduce the risk for user error.

Solutions scaled to fit your needs and budget

3M[™] Attest[™] Auto-readers are available with 10-well and 4-well options to fit your needs. With two size options, you can standardise processes and simplify training across multiple facilities.

Be connected

Use the 3M[™] Attest[™] Auto-reader Web App for real-time BI results and quickly integrate data into your facility's tracking system.

3M[™] Attest[™] Auto-reader 490



3M[™] Attest[™] Mini Auto-reader 490M



Devices shown are not true to size and scale. *When used with 3M[™] Attest[™] Mini Auto-reader 490M or with 3M[™] Attest[™] Autoreader 490 or 490H with software version 4.2.7 or greater.

Backed by BSI Kitemark[™]: shining a light on excellence Look for this mark to know that the products you choose have achieved BSI Kitemark[™] certification. As a leading global independent product testing services company, BSI provides an extra layer of confidence in the design, manufacture and performance of Solventum solutions.



Choosing to undergo voluntary, rigorous third-party certification audits reflects our unwavering commitment to quality and safety.

To award certification, BSI Kitemark continuously tests samples exactly to protocols within International Organization for Standardization (ISO) standards. After repeated verification under precise conditions, this independent body certifies that our products perform consistently according to industry standards. Copies of our BSI Kitemark certification are available upon request.

Steam and VH2O2 Indicator tapes



Indicator Tapes allow anyone to see at a glance whether packs have been exposed to the sterilisation process. These Type 1 process indicators undergo a colour change when exposed to the sterilant.

Best practice is to always place a Type 1 process indicator on the outside of every pack, wrapped tray, container or peel pouch if there is no exposure monitor already built in. Whilst the external monitor indicates that a pack has been through a process, it provides no evidence that the contents has been properly exposed to steam. Only an internal pack monitoring chemical indicator can provide this information.

3M™ Attest™ and 3M™ Comply™ Steam and Hydrogen Peroxide Indicator Tape

A reliable steam indicator tape that provides immediate information if the pack has been exposed to adequate steam sterilisation. The chemical indicator lines will turn dark when exposed to a steam sterilisation process.

- Reliable adhesive adheres to packaging material.
- Sustainable, solvent-free manufacturing process.
- Does not require hazardous waste disposal.
- Convenient, individually wrapped, easy-to-open rolls.
- Lead free and no added latex.
- 1355 has an adhesive specially formulated for adhesion to non-woven wrapping materials and generally has higher levels of adhesion.





A unified force to help reduce patient risks

Committing to Every Load Monitoring and Every Pack Monitoring empowers you to make a critical difference for every load, every procedure and every patient.

Contact your Solventum account manager or scan the QR code.



You can rely on us

There's a lot to manage, and even more at stake. When the pressure is on, you need to expect more. We've developed solutions to support you - critical training tools, advanced sterilisation monitoring technologies, workflow optimisation support and experts you can look to for guidance.





Trusted experts

Our training, education, and ongoing support all come backed by decades of expertise in sterilisation monitoring. This allows us to coordinate and collaborate with industry leaders to help improve guidelines and distill complicated standards into easy-to-understand and actionable improvements for your department.



Maximise workflow through simple-to-use products, standardised processes and practice assessment tools. Enhancing workflows and guideline compliance helps deliver a high standard of care.

Solventum product onboarding tools and accredited continuing education offerings help strengthen your staff education programmes.

30+ years

of world-class, consistently reliable monitoring solutions



Innovative products

As a leader in sterilisation monitoring assurance for decades, it is your needs and challenges that drive us to keep innovating.

We pride ourselves on developing products backed by Solventum science that help lower the risk of human error, drive compliance and enhance efficiency so you can confidently manage the complexities of your job.



Everyday support

Contact your local Solventum representative, call the **Solventum Help Line** or scan the QR code.





KCI Medical Limited

Charnwood Campus 10 Bakewell Road Loughborough England, LE11 5RB 01509 611 611 www.solventum.com

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- Wong J, Khu KJ, Kaderali Z, Bernstein M. Delays in the operating room: signs of an imperfect system. *Can J Surg.* 2010 Jun;53(3):189–195.
- Based on 3M-commissioned Gestalt survey of U.S. OR professionals with Cls placed in an actual instrument tray, shown to respondents in images of simulated-use conditions.
- Based on 3M-commissioned Gestalt survey of U.S. OR professionals, with Cls exposed to a steam sterilisation cycle, shown to respondents in images of simulated-use conditions.
- Preference based on 3M-commissioned Gestalt survey of US OR professionals (n=160) when comparison products are similarly priced, commercially available, and perform as intended.
- 6. ISO 11140-1:2014 and ANSI/AAMI ST79:2017.
- Accessed from the 510(k) Premarket Notification Database on 10 October 2023.
- 8. Solventum data on file.
- Kirk B. Detecting vaporized hydrogen peroxide sterilisation (VH2O2) process failures in clinical settings using chemical indicators. *Zentr Steril*. 2020;28(6):334–343.
- 10. Accessed from the 510(k) Premarket Notification Database on 28 April 2023.

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