



Sterilization assurance

Simplify.
Standardize.
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 sterilization monitoring solutions are designed to **simplify, standardize 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 Sterilization cycle is monitored prior to instrument use in surgery so every patient receives the highest level of care.



\$62
a minute lost
when tracking
down one recall.¹



4 hours
of lost time
tracking down
impacted
instruments
during a recall.²

The Bowie-Dick revolution begins

A lot is dependent on your steam sterilizer. You need pass/fail results quickly and definitively, without guesswork, while improving workflow. The 3M™ Attest™ eBowie-Dick Test System revolutionizes sterilization 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 sterilizer, removes subjective interpretations and provides more assurance and confidence.

Enhances workflow

Removes the burden of paperwork and eliminates manual recordkeeping — 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.

- ✓ Recyclable card holder is made of Polyetherimide plastic.*
- ✓ Compliant with global electronic waste directives RoHS and WEEE.
- ✓ eBowie-Dick test cards can reduce waste entering a hospital's waste stream by 94%.†
- ✓ No intentionally added natural rubber latex in the product or primary packaging.
- ✓ Can eliminate waste removal need for approximately 88 lbs. of paper waste per sterilizer per year.‡

*Recycling programs for this product may not exist in your area.

†Compared to waste generated by 3M Bowie-Dick paper test packs. Waste mass based on eBowie-Dick 10135B product and packaging case weight, with percent calculated on a per test basis.

‡Per AAMI ST79 usage recommendations and 3M estimate of reduction of waste when adopting eBowie-Dick.

Be more confident with our sterilization 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 sterilization assurance for decades.

- Inventor of rapid steam BI technology, first launched in 1991.
- Results in just 24 minutes* when used in conjunction with the 3M™ Attest™ Auto-reader 490 or 3M™ Attest™ Mini Auto-reader 490M.



*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.



Solventum invents rapid steam BI technology in 1991



2-in-1 power
Steam and VH2O2 BIs in one auto-reader



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 sterilization processes and provides accurate results in 24 minutes.*

- BI has 31 U.S. FDA cleared VH2O2 sterilization 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 sterilization cycle conditions.⁸
- A longer shelf life can be better for inventory management.



31 U.S. **FDA-cleared** VH2O2 sterilization 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.

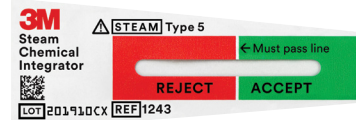


Steam chemical indicators

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 sterilization cycles across the world.



78% of OR nurses reported it was easiest to find³



High-performance level compared to Types 4 and 6⁶



Only Type 5 chemical integrator with BSI Kitemark™ certification



VH2O2 chemical indicators

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

Solvantum 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 sterilization 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 sterilization under ambient light for eight weeks.⁸

Standardize to Solvantum's full system of VH2O2 sterilization 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.

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 standardize 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™ Auto-reader 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.

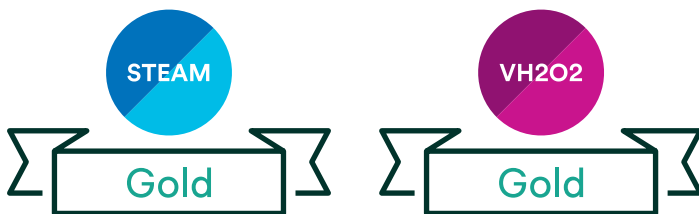


Commit to every load monitoring

Monitoring every load with a biological indicator (BI) remains the only method to measure the lethality of every Sterilization cycle providing the higher level of sterility assurance. When a positive biological indicator result occurs indicating a sterilization failure, AAMI ST79* recommends the recall of every load processed since the last negative BI.

Every Load Monitoring Program

You are the silent guardian of your facility and first line of defense. We're dedicated to your success — and our Every Load Monitoring Program aims to help you standardize a higher level of care in your facility. Start with the Gold partner package and step up to the next level when you're ready.



Implement the Every Load Monitoring Program for **steam or VH2O2** using 3M™ Attest™ Biological Indicator (BI) System.



Move to the next program level by practicing Every Load Monitoring for **both steam and VH2O2** using the 3M Attest BI System.

*ANSI/AAMI ST79:2017, Sections 13.5.3.1, 13.7.5.1

A unified
force to
help reduce
patient risks

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

Find out what's included in the Every Load Monitoring Program and how you can get started.

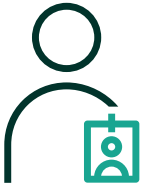
Contact your Solventum account manager at **1-800-228-3957** or visit **go.3M.com/ELM**

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 sterilization monitoring technologies, workflow optimization support and experts you can look to for guidance.

30+ years

of world-class, consistently reliable monitoring solutions



Trusted experts

Our training, education, and ongoing support all come backed by decades of expertise in sterilization 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.



Workflow optimization support

Maximize workflow through simple-to-use products, standardized 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 programs.



Innovative products

As a leader in sterilization 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.

Don't miss live and on-demand sterilization education

Continuous learning with convenient and relevant training is top of mind for sterile processing managers and technicians. Get real-world advice, backed by science, from industry experts. View Solventum sterilization education at go.3M.com/sterileu.

Expect more with the Solventum Peak™ Clinical Outcomes Program

Through the Peak Program, you gain access to evaluation, training, onboarding and practice self-assessment tools that can help enhance or validate your current state of practice and ultimately drive change at your facility. See more at 3M.com/Peak.



Everyday support

Contact your local Solventum representative, call **1-800-228-3957** or visit go.3M.com/Attest



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References

1. TSG Hospital guide to cost savings and financial gains. *The Surgicalist Group*. Published September 30, 2020. Accessed May 01, 2023. thesurgicalist.com/hospital-guide-to-cost-savings-and-financial-gains
2. 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.
3. 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.
4. Based on 3M-commissioned Gestalt survey of U.S. OR professionals, with Cls exposed to a steam sterilization cycle, shown to respondents in images of simulated-use conditions.
5. 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.
7. Accessed from the 510(k) Premarket Notification Database on October 10, 2023.
8. Solventum data on file.
9. Kirk B. Detecting vaporized hydrogen peroxide sterilization (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 April 28, 2023.

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