

Monitor your processes with
Getinge Assured

GETINGE
GETINGE GROUP



Comprehensive range of
Wash Monitoring and
Sterility Assurance Indicators



We give you **added assurance** for clean and sterile goods!

Every day you reprocess a variety of instruments at different times, temperatures and conditions. The one thing you want is reassurance that your sterile goods have been thoroughly cleaned and sterilized in accordance with your local standards and hospital requirements.

Getinge is a world leader in cleaning, disinfection and sterilization equipment, with solutions for the healthcare and life science sectors. We understand that you need your disinfection and sterilization equipment to consistently perform to manufacturer's specifications in full compliance with international and local standards as well as your specified hospital requirements.

Getinge Assured is a comprehensive range of wash monitoring and sterility assurance indicators to independently monitor your facility's processes and provide you with the added assurance that your equipment is clean and sterile as expected.

Get consistent and accurate results **every time, every day**

Getinge Assured offers you a comprehensive portfolio of wash monitoring and sterility assurance indicators to help you check the effectiveness of your instrument reprocessing. Our technologically superior product line gives you the highest possible patient safety and care at your hospital.

Assure quality of your production

The Getinge Assured product offering provides you with the tools for monitoring the complete decontamination process. We offer diagnostic controls for manual washing, washer-disinfectors, AERs and sterilizers. These are all part of the Getinge Assured portfolio. Our manual tracking system links everything together ensuring a record of what has been used throughout the entire process. We give you added assurance and independent physical evidence for both clean and sterile goods.

Increase efficiency in your workflow

We offer you training on all Getinge Assured products both face to face and electronically. Our comprehensive set of sales tools and reference guides makes interpretation of our Getinge products very easy and not dependent on personnel interpretation (all Getinge Assured products are supplied with clear pass / fail reference guides). This provides you with the tools to ensure consistent and accurate results for every point of your workflow.

Improve patient safety

Using products which monitor the success or failure of the entire decontamination process, at relatively little cost, will help you reduce hospital-acquired infections. Consequently, you now have a means of effectively managing your sterile production, which in turn can reduce hospital expenses. This will manifest itself in fewer cancelled operations, just in time delivery of sterile instruments and contribute to optimization of the patient's experience.

Reduce environmental footprint

By using best in class and unique technology, developed and owned by Getinge, we offer you a Getinge Assured product range with inks that are non-toxic and contain no toxic heavy metals in their base ingredients. Our Getinge chemical indicators are sterilant specific to provide diagnostic results that will help you detect inadequacies with relevant parameters important for your instrument reprocessing. Getinge Assured is not only about wash monitoring and sterility assurance, it is also about having complete control in how you impact your local environment.

Compliance to relevant international and local standards

Getinge Assured products are all manufactured at ISO 9001 and ISO 13485 certified Getinge facilities and are tested against all relevant standards such as EN ISO 15883, EN ISO 11140 parts 1 & 4 and EN ISO 11138. We offer certificates of conformity for the complete product range, as well as 3rd party independent certificates for most products, to give you complete peace of mind about the accuracy and performance of our portfolio.

Getinge Check
Bowie-Dick
Mini Pack 134°C

GETINGE
GETINGE GROUP

For use in testing of pre-vacuum
steam sterilizers operating at 134°C
6001155600



Getinge Assured Wash Release Monitors

The first important step in sterile processing is effective cleaning. The best way to verify cleanliness is a reliable testing protocol that includes test soil, wash monitoring and residual protein testing.



Used routinely, our Getinge Assured Wash Monitors provide independent verification that the cleaning process – whether in a washer-disinfector and/or additionally in an ultrasonic bath – is consistently providing the desired cleaning result.

As a final assurance of cleanliness, we offer a full range of residual protein tests for surfaces and instruments – including hollow lumens and endoscopes. With an instant protein reaction, these tests are quick and easy to use and can detect residual protein down to 1 microgram in less than 10 seconds.

Getinge Assured
Wash Monitor



Getinge Assured
Wash Monitor F/R



Getinge Assured
Ultrasonic



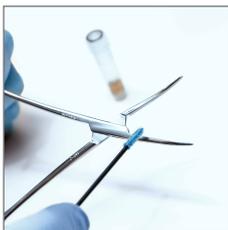
Getinge Assured
Wash Monitor U/L



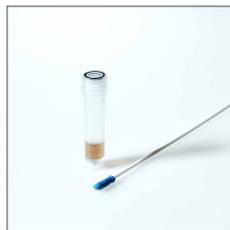
Wash Monitors

Wash Monitors Ultrasonic

Protein Tests



Getinge Assured
Protein Test
Instrument Surface



Getinge Assured
Protein Test
Instrument Lumen



Getinge Assured
Protein Test
Flexible Endoscope 2,5m

Getinge Assured Daily **Machine Release** Indicators

Our knowledge of international and local standards ensures that we have the appropriate indicator to enable you to most effectively monitor your sterility assurance.



In accordance with international requirements of EN ISO 17665-1, the Bowie-Dick-type test remains the benchmark for daily testing of the mechanical function of your vacuum assisted steam sterilizer. The test monitors effective air removal and steam penetration allowing you to release your sterilizer for daily use.

Getinge's innovative Bowie-Dick type tests have been developed and tested to conform to the requirements of EN ISO 11140-4. Our highly sensitive advanced ink technology provides greater accuracy and user information on process conditions compared to conventional test packs. In addition, the compact design of the Getinge Assured AdvaTec and the Getinge Check Mini Bowie-Dick Test requires less paper and minimizes usage cost, transport cost, storage space and environmental footprint.

Getinge Assured
AdvaTec Bowie-Dick
Pack 134°C*



Getinge Check Mini
Bowie-Dick Test
Pack 134°C**



Getinge Assured
Bowie-Dick Test
Pack 121°C & 134°C*



Getinge Check
Bowie-Dick Test
Pack 134°C**



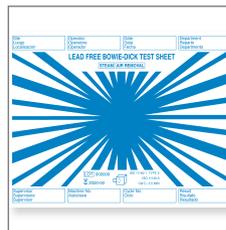
Bowie-Dick Tests



Getinge Assured
Bowie-Dick Test
Card TT



Getinge Assured
Bowie-Dick Test
Card 134°C &
Test Card Kit 134°C



Getinge Assured
Bowie-Dick Test
Sheet 134°C

* For use in Getinge Sterilizers
HS66 Turbo and GSS67

** For use in all sterilizers except
Getinge HS66 Turbo and GSS67

Getinge Assured Load Release Indicators

When using a chemical or biological process challenge device (PCD) in your sterilizer, you can rest assured that the correct conditions required for effective sterilization have been achieved in the chamber. Utilization of PCD's provides you with the evidence on which you can release your load.



| Product name | Spore Type | Incubation | Pack name | Note |
|---|--|---|---|--|
| Smart-Read, Self Contained Biological Indicator (Steam) | 10 ⁶ Geobacillus stearothermophilus | 10 hrs Fail Cycle Verification: 3-5 hrs | Smart-Read Biological Test Pack (Steam) | Includes Smart-Read SCBI and Type 6 emulating indicator card |
| Self-Contained Biological Indicator (Steam) | 10 ⁶ Geobacillus stearothermophilus | 24 hrs | Self-Contained Biological Test Pack (Steam) | Includes SCBI and Type 6 emulating indicator card |
| Self-Contained Biological Indicator (EO) | 10 ⁶ Bacillus atropeus | 48 hrs | | |

Getinge Assured
Smart-Read
Biological Test Pack



Getinge Assured
Self-Contained
Biological Test Pack



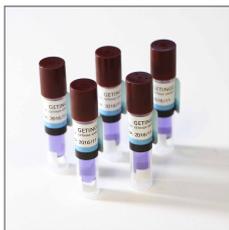
Getinge Assured
Smart Well Incubator
with printer



Getinge Assured
Multi-Incubator



Biological Indicators



Getinge Assured
Smart-Read
Biological Indicator (Steam)



Getinge Assured
Self-Contained
Biological Indicator (Steam)



Getinge Assured
Self-Contained
Biological Indicator (EO)



Getinge Assured
Helix Test 3.5, 4, 5.3, 7
& Formaldehyde

Getinge Assured Pack Release Indicators

Getinge Assured Emulating Indicators are the most advanced chemical indicators for monitoring the specific steam sterilization parameters of time, temperature and steam inside the pack. When a pack is opened, OR staff can quickly verify that the conditions for sterilization were achieved in the location in the sterilizer where the pack was placed.



| Minutes | 3.5 | 4 | 5.3 | 7 | 18 |
|----------|-----|---|-----|---|----|
| Strip | | ✓ | ✓ | ✓ | ✓ |
| Adhesive | ✓ | ✓ | ✓ | ✓ | |

Getinge Assured
Emulating Indicators
134°C at 4, 5.3, 7 & 18 mins
- 121°C at 12, 15 & 20 mins



Emulating Indicators

Getinge Assured
Emulating Indicators, Adhesive
134°C at 3.5, 4, 5.3 & 7 mins
121°C at 12, 15 & 20 mins



Getinge Assured
Multicritical Process
Variable Indicator (Steam)



Multicritical Process Variable Indicators

Getinge Assured
Multicritical Process
Variable Indicator (EO)



Getinge Assured
Multicritical Process
Variable Indicator
(Formaldehyde)



Getinge Assured
Multicritical Process
Variable Indicator
(Dry Heat)

Plasma Indicator



Getinge Assured
Plasma Indicator

Tape



Getinge Assured
Steam & EO Tape

| Product Name | Type/ Standard | USE | Unit of Measure | Main Article Number |
|---|-------------------|----------------|--------------------|------------------------|
| Wash Release | | | | |
| Label Color | | | | |
|  Test Soil | EN ISO 15883 | W-D | 10 | 504228300 |
| Wash Monitoring and Holders | | | | |
|  Wash Monitor | EN ISO 15883 | W-D | 25 | 503864500 |
|  Wash Monitor | EN ISO 15883 | W-D | 50 | 503864600 |
|  Wash Monitor | EN ISO 15883 | W-D | 100 | 503864700 |
|  Wash Monitor FR • Flexible & Rigid | EN ISO 15883 | W-D | 25 | 503864900 |
|  Wash Monitor Holder | EN ISO 15883 | W-D/Ultrasonic | 6 | 503864800 |
|  Wash Monitor Holder R • Rigid Lumen Test | EN ISO 15883 | W-D/Ultrasonic | 1 | 503865000 |
|  Wash Monitor Holder F • Flexible Lumen Test | EN ISO 15883 | W-D/Ultrasonic | 1 | 503865000 |
| Wash Monitoring, Ultrasonic | | | | |
|  Wash Monitor U • Ultrasonic Test | EN ISO 15883 | Ultrasonic | 50 | 503865200 |
|  Wash Monitor U/L • Ultrasonic/Lumen Test | EN ISO 15883 | Ultrasonic | 25 | 503865300 |
| Protein Tests | | | | |
|  Protein Test Instrument Surface | EN ISO 15883 | W-D/Ultrasonic | 50 | 503878500 |
|  Protein Test Instrument Lumen | EN ISO 15883 | W-D/Ultrasonic | 50 | 503911200 |
|  Protein Test Flexible Endoscope 2,5m | EN ISO 15883 | W-D/Ultrasonic | 20 | 503964400 |

Machine Release

| | | | | |
|--|-----------------------------------|-------|---------------------|------------|
| Bowie-Dick Tests | | | | |
|  Bowie-Dick Test Pack 134°C, Getinge Turbo Sterilizers | EN ISO 11140-4 | Steam | 30 | 504052100 |
|  Getinge Check Bowie-Dick Test Pack 134°C, Sub-trans cycles | EN ISO 11140-4 | Steam | 30 | 6001154901 |
|  Bowie-Dick Test Pack 121°C | EN ISO 11140-4 | Steam | 30 | 504052200 |
|  Bowie-Dick Test Card TT (Table Top Sterilizers) | BS EN 867-5 | Steam | 15 | 504052300 |
|  Bowie-Dick Test Card Kit 134°C | EN ISO 11140-4 | Steam | 1 holder + 31 tests | 504052500 |
|  Bowie-Dick Test Card 134°C | EN ISO 11140-4 | Steam | 120 | 504052400 |
|  AdvaTec Bowie-Dick Test Pack, Getinge Turbo Sterilizers | EN ISO 11140-4 | Steam | 30 | 504225100 |
|  Bowie-Dick Test Sheet 134°C | EN ISO 11140-1, EN ISO 11140-3 | Steam | 100 | 6005500010 |
|  Getinge Check Bowie-Dick Mini-Pack, Sub-trans cycles | EN ISO 11140-4 | Steam | 30 | 6001155600 |

Pack Release

| | | | | |
|--|-----------------------|-------|-----|-----------|
| Emulating Indicators Non-Adhesive | | | | |
|  Emulating Indicator 4 | EN ISO 11140-1 Type 6 | Steam | 250 | 504051000 |
|  Emulating Indicator 5.3 | EN ISO 11140-1 Type 6 | Steam | 250 | 504050800 |
|  Emulating Indicator 7 | EN ISO 11140-1 Type 6 | Steam | 250 | 504050900 |
|  Emulating Indicator 18 | EN ISO 11140-1 Type 6 | Steam | 250 | 504051400 |
| Emulating Indicators - Adhesive | | | | |
|  Emulating Indicator 3.5 -A | EN ISO 11140-1 Type 6 | Steam | 250 | 504051100 |
|  Emulating Indicator 4 -A | EN ISO 11140-1 Type 6 | Steam | 250 | 504052600 |
|  Emulating Indicator 5.3 -A | EN ISO 11140-1 Type 6 | Steam | 250 | 504051200 |
|  Emulating Indicator 7 -A | EN ISO 11140-1 Type 6 | Steam | 250 | 504051300 |
|  Multicritical Process Variable Indicator | EN ISO 11140-1 Type 4 | Steam | 250 | 504051700 |
|  Multicritical Process Variable Indicator L | EN ISO 11140-1 Type 4 | Steam | 250 | 504051800 |

Load Release

| | | | | |
|---|---|--------|-----------------------|------------|
|  Helix Test 3.5 | BS EN 867-5 Type 2 | Steam | 1 device + 250 tests | 504052700 |
|  Helix Test 4 | EN ISO 11140-1 Type 2 | Steam | 1 device + 250 tests | 504052800 |
|  Helix Test 5.3 | EN ISO 11140-1 Type 2 | Steam | 1 device + 250 tests | 504052900 |
|  Helix Test 7 | EN ISO 11140-1 Type 2 | Steam | 1 device + 250 tests | 504053000 |
|  Tape 18 mm | EN ISO 11140-1 Type 1 | Steam | 48 | 504053200 |
|  Tape 24 mm | EN ISO 11140-1 Type 1 | Steam | 36 | 504053300 |
|  Green Tape 18 mm | EN ISO 11140-1 Type 1 | Steam | 48 | 6001154902 |
|  Green Tape 24 mm | EN ISO 11140-1 Type 1 | Steam | 36 | 6001154903 |
| Biological Indicators | | | | |
|  Self-Contained Biological Indicator | ISO 11138 | Steam | 100 | 504053900 |
|  Self-Contained Biological Indicator | ISO 11138 | EO | 100 | 504054000 |
|  Smart-Read Biological Test Pack | ANSI/AAMI ST79, ISO 11138, EN ISO 11140-1 Type 6 | Steam | 30 tests + 5 controls | 504054500 |
|  Multi-Incubator | - | 24 hrs | 1 | 504054700 |
|  Smart-Read Biological Indicator | ISO 11138 | Steam | 100 | 504054100 |
|  Self-Contained Biological Test Pack | ANSI/AAMI ST79, ISO 11138, EN ISO 11140-1 Type 6 | Steam | 30 tests + 5 controls | 504054600 |
|  Smart Well Incubator with Printer | - | 10 hrs | 1 | 504054400 |

Specialty Products

| | | | | |
|--|-----------------------|----------|----------------------|-----------|
|  Helix Test | - | FORM | 1 device + 250 tests | 504053100 |
|  Multicritical Process Variable Indicator | EN ISO 11140-1 Type 4 | FORM | 250 | 504051900 |
|  Tape 18 mm | EN ISO 11140-1 Type 1 | EO | 48 | 504053600 |
|  Tape 24 mm | EN ISO 11140-1 Type 1 | EO | 36 | 504053700 |
|  Multicritical Process Variable Indicator | EN ISO 11140-1 Type 4 | EO | 250 | 504051600 |
|  Multicritical Process Variable Indicator | EN ISO 11140-1 Type 4 | Dry Heat | 250 | 504054800 |
|  Plasma Indicator | - | Plasma | 250 | 504052000 |

Template: WD = Washer-Disinfectant EO = Ethylene Oxide Sterilization FORM = Low Temp Steam Formaldehyde Sterilization

The complete **Getinge Consumables Solutions** offering

The Getinge Consumables offering is a comprehensive portfolio of products to support you in every step of your workflow. Getinge products conform to relevant standards and carry the Getinge name ensuring consistent and accurate quality of your results.

Getinge Assured

Getinge Assured is a comprehensive offering of unique diagnostic monitoring products including soil removal and protein residue testing for cleaning efficacy as well as chemical indicators for steam, ETO, Formaldehyde, VHP and dry heat processes. All products conform to the relevant international standards and are supported with independent certification to give you assurance that the process has been effective.

Getinge Endo (consumables)

Getinge Endo offers a comprehensive range of solutions to ensure effective pre-cleaning and manual cleaning of your endoscopes. From PPE's to complex unique cleaning devices, from single use bed side cleaning kits to reprocessing accessories, the ever expanding Getinge Endo portfolio will provide a cost effective, easy to use practical solution for your endoscopic consumable needs.

Getinge Clean

Getinge Clean offers a complete detergent offering suitable for global markets requiring enzymatic, alkaline or neutral cleaning solutions. The Getinge Clean pre-treatment foam keeps instruments moist. We offer specialized chemistry such as Prion and MIS detergents (suitable for manual or automated processes), as well as lubricant and rinse aids as part of a maintenance offering.



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GETINGE GROUP

Getinge Group is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, Getinge and Maquet. ArjoHuntleigh focuses on patient mobility and wound management solutions. Getinge provides solutions for infection control within healthcare and contamination prevention within life sciences. Maquet specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.
