

3M™ Attest™ 1292-S Rapid Readout Biological Indicator

3M™ Attest™ Auto-readers

3M™ Comply™ Process Indicators



3M is committed to providing innovative solutions to improve your business efficiency and help maintain a strong, worry-free quality system. 3M is the only sterilization monitoring manufacturer that has subsidiary offices in 60 countries throughout the world to help our customers standardize monitoring everywhere you manufacture with 3M direct technical and sales support in your language and in your time zone. Our diversified technologies, technical leadership, strong quality system, manufacturing capacity, expert technical support and reliable products are recognized worldwide.

Medical Sterilization Specialties
INTERNATIONAL



3M™ Attest™ Rapid Readout Biological Indicator Technology

The 3M™ Attest™ 1292-S Rapid Readout Biological Indicator is appropriate for use in industrial steam sterilization applications with appropriate validation by the end user. It is a reliable, convenient and accurate sterilization monitoring indicator designed for validation and routine monitoring. The Attest 1292-S has been validated with a fluorescent Reduced Incubation Time (RIT) of 3 hours when used in conjunction with the 3M™ Attest™ 293 or 290 Auto-readers, under specific test conditions. This proprietary technology from 3M can help improve inventory turns by allowing medical device manufacturers to speed supply chain throughput and reduce manufacturing unit cost. The economic benefit gained from a faster biological indicator final read time is measurable and sustainable.



Important Industrial User Benefits

- Provides final readout in 3 hours
- Self-contained biological indicator design reduces risk of transfer positives
- Conforms with ISO and ANSI/AAMI/ISO 11138:2006 Parts 1 and 3
- Recognized by the US Food and Drug Administration as a biological indicator
- Supported by 3M Technical Service and Quality System
- Packaged to provide breakage and humidity excursion protection
- Two-year shelf life

Attest 1292-S biological indicator is comprised of a paper carrier inoculated with a standardized population of *Geobacillus stearothermophilus* ATCC® 7953 spores, a non-woven macro-porous material, a glass ampoule containing proprietary recovery medium, a plastic cap with filter, and a transparent plastic sleeve. The biological indicator has a chemical process indicator on the label that will change from rose to brown upon exposure to the moist heat sterilization processes. The recovery medium will produce a fluorescent response detected by the Attest Auto-reader if active alpha-glucosidase enzyme is present in the spore coat and vegetative cells of the *Geobacillus stearothermophilus* test organism. A pH color change from purple to yellow will occur if viable spores are present and continued incubation conditions are satisfactory.

The 3M Quality Certificate with each package states 3M specification ranges to help establish validation protocols. 3M specification ranges are narrower than those as described in ISO standards and stated from other biological indicator manufacturers and have a high level of reproducibility. No other manufacturer provides this information with every lot of product.



Innovative
Efficient
Precise



3M Attest Auto-readers

3M Attest 293 and 290 are accurate, reliable Attest 1292-S biological indicator incubators with an automatic readout feature. Model 293 Auto-reader is designed specifically for industrial sterilization processing and was developed with input from leading medical device users. It has a 36-well capacity. The unit provides automatic calibration on every biological indicator. Factory calibration documentation is provided with each unit and annual calibration service is available.



3M™ Attest™ 293 Auto-reader – 36-well capacity

Attest Auto-readers incubate at $60^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ($140^{\circ}\text{F} \pm 3^{\circ}\text{F}$) and automatically read the fluorescence produced by the 3M Attest 1292-S Rapid Readout biological indicators. The Attest Auto-reader will hold the result until recorded and may help streamline your processes. The Auto-reader is also designed to allow continued incubation to verify the test organism's outgrowth.



3M™ Attest™ 290 Auto-reader – 12-well capacity

The 293 and 290 Auto-readers are run by internal software controls. An internal temperature monitoring control will display an error code should the temperature fall outside the specified range. 3M Auto-readers are immune to data loss on power interruption as readings are stored in the memory chip and the unit will automatically restart. The internal software controls are 21 CFR 1910 compliant and alert the user to fault conditions.

The 3M™ Attest™ Auto-reader 290 has a 12-well capacity and is suitable for smaller volume processing.

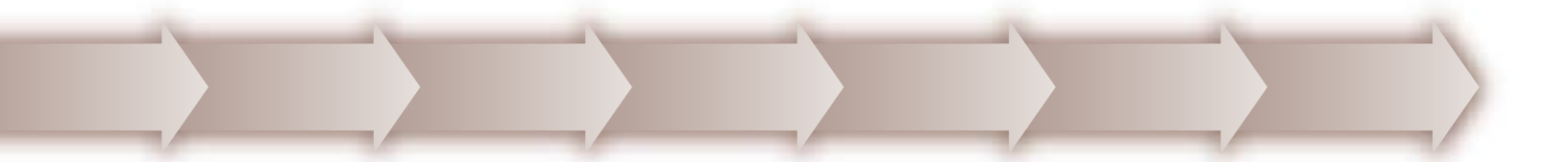
3M Process Indicators

Process indicators are important sterilization process control mechanisms used to distinguish processed from unprocessed goods. This is particularly relevant in contract sterilization environments where large volumes of multiple manufacturers' products are processed. 3M offers a line of suitable process indicators that conform to ISO 11140-1: 2005 Sterilization of health care products – Chemical Indicators – Part 1: General requirements (Class 1).

3M™ Comply™ Indicator Tapes for steam sterilization are reliable process indicators. The chemical indicator stripe on 3M™ Comply™ 1255 indicator tape will turn light to dark for easy identification when exposed to a steam sterilization oxide process. These products are simple to apply and the reliable high tack adhesive adheres well to packaging material. 3M™ tape dispensers models C22 and M920 provide convenient dispensing of 3M™ Indicator Tapes.



3M™ Comply™ 1222 (tan) and 1255 (blue) Indicator Tapes for Steam



Ordering Information

Cat. No.	Description	Packaging	Shipping
1292-S	3M™ Attest™ Rapid Readout Biological Indicator, Appropriate for industrial steam sterilization	300 each/box	2 boxes/case
293	3M™ Attest™ Auto-reader; 36 well capacity	1 each/box	1 box/case
290	3M™ Attest™ Auto-reader; 12 well capacity	1 each/box	1 box/case
1255-6N	3M™ Comply™ Indicator Tape for Steam Sterilization, 1.9 cm x 55 m (3/4" x 60 yds.), Blue	—	24 rolls/case
1222-6N	3M™ Comply™ Indicator Tape; Industrial Steam Sterilization, 1.9 cm x 55 m (3/4" x 60 yds.), Tan	—	24 rolls/case
00160	Steam Sterilization Indicator Label	1000 labels/roll	1 roll/box
1222CH (Europe Only)	Steam Chemical Indicator Label	500 labels/roll	1 roll/box

Call us at Customer Service to place an order: 800-742-1994 (U.S.). Visit our website: www.3M.com/medicalspecialties for product and services information, news about conferences we will be attending, new product highlights or to make a direct inquiry.

To have a sales representative contact you, or to request samples, please contact us at 3M HELPLINE 800-228-3957 (U.S.) or for international inquiries, please contact your local country representative. Our 3M Medical Specialties subsidiary contacts are listed below.

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