

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.

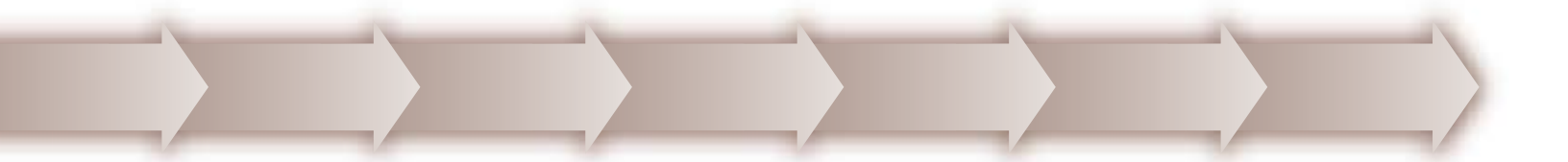
## 3M Process Indicators

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](http://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.

## International Locations

### Argentina

3M Argentina S.A.C.I.F.I.A.  
Tel.: 54-11-4339-2400  
Fax: 54-11-4339-2640

### Australia

3M Health Care  
Tel: 1 300 363 878  
Fax: 1 800 060 888

### Belgium

3M Belgium N.V./S.A.  
Tel: 32-2-722-5111  
Fax: 32-2-720-0225

### Brazil

3M DO Brasil Ltda.  
Tel: 55-19-864-7171  
Fax: 55-19-864-7848

### Canada

3M Canada  
Tel: 800 364-3577  
Fax: 800 341-4630

### Chile

3M Chile S.A.  
Tel: (56-2) 4103000  
Fax: (56-2) 4103400

### China

3M China Ltd.  
Tel: 86-21-6275-3535  
Fax: 86-21-5208-2205

### Colombia

3M Colombia S.A.  
Tel: 57-1 4108585  
Fax: 57-1 4161677

### Czech Republic

3M Cesko s.r.o.  
Tel: +420-261 380 111  
Fax: +420-261 380 110

### Denmark

3M a/s  
Tel: 45-43-48-0100  
Fax: 45-43-96-8596

### Dominican Republic

3M Dominicana  
Tel: (809) 530-6560 X499  
Fax: (809) 530-2960

### Finland

Suomen 3M Oy  
Tel.: 358-9-52-521  
Fax: 358-9-512-29-44

### France

Laboratoires 3M Santé  
Tel: 33-1-3031-8376  
Fax: 33-1-3031-8378

### Germany

3M Medica  
Tel: 49 2131 14 40 00  
Fax: 49 2131 14 49 99

### Hong Kong

3M Hong Kong Ltd.  
Tel: (852) 2806 6111  
Fax: (852) 2234 6044

### Hungary

3M Hungária Kft.  
Tel: (36-1) 270-7777  
Fax: (36-1) 320-0951

### India

3M India Ltd.  
Tel: 0091-80-2223 1414  
Fax: 0091-80-22231450

### Indonesia

PT 3M Indonesia  
Tel: (62-21) 520 3401  
Fax: (62-21) 520 3106

### Italy

3M Italia SPA  
Tel: +39 2 7035-2406  
Fax: +39 2 7035-2484

### Japan

3M Health Care Ltd.  
Tel: 81-3-3709-8289  
Fax: 81-3-3709-8754

### Kazakhstan

3M Representation Office  
Tel: +7 3272 509 944  
Fax: +7 3272 509 573

### Korea

3M Korea Ltd.  
Tel: 82-2-3771-4286  
Fax: 82-2-786-2825

### Malaysia

3M Malaysia Sdn. Bhd.  
Tel: 6-03-7806 2888  
Fax: 6-03-7806 2902

### Mexico

3M México, S.A. de C.V.  
Tel: +52-55-5270-0400  
Fax: +52-55-5270-0433

### Middle East

3M Gulf Ltd.  
Tel: 971-4-3670-777  
Fax: 971-4-3670-699

### The Netherlands

3M Nederland B.V.  
Tel: 31-715-450-450  
Fax: 31-715-450-212

### New Zealand

3M New Zealand  
Tel: 64-9-444 4760  
Fax: 64-9-443 7885

### Peru

3M Peru S.A.  
Tel: 511-224-2728  
Fax: 511-224-3171

### Philippines

3M Philippines  
Tel: (632) 8133781 to 95  
Fax: (632) 8145873 to 74

### Poland

3M Poland Sp.z o.o.  
Tel: (48 22) 739 60 00  
Fax: (48 22) 739 60 01

### Portugal

3M Portugal  
Tel: 351-21-3134500  
Fax: 351-21-3134680

### Puerto Rico

3M Puerto Rico  
Tel: 787-620-3000  
Fax: 787-620-4612

### Russia

3M Russia  
Tel: 7 (495) 784-74-74  
Fax: 7 (495) 784-74-75

### Singapore

3M Technologies (S) Pte. Ltd.  
Tel: 65-6450-8866  
Fax: 65-6455-2130

### Sri Lanka

3M Lanka (Pvt.) Ltd.  
Tel: (94) 11 2785701  
Fax: (94) 11 4410083-4

### Spain

3M España, S.A.  
Tel: 43-1-321-60-00  
Fax: 43-1-321-60-02

### Sweden

3M Svenska AB  
Tel: +46-8-92 21 00  
Fax: +46-8-92 24 22

### Switzerland & Eastern Europe

3M (Schweiz) AG  
Tel: +41 44 724 92 44  
Fax: +41 44 724 94 80

### Thailand

3M Thailand Ltd.  
Tel: (66)2 260 8577 Ext.175  
Fax: (66)2 261 7535

### Taiwan

3M Taiwan Ltd.  
Tel: 886-2-2704-9011  
Fax: 886-2-2706-0355

### Turkey

3M Turkey  
Tel: 9 (0212) 3507777  
Fax: 9 (0212) 2821742

### Ukraine

3M Ukraine  
Tel: +380 44 490 57 77  
Fax: +380 44 490 57 75

### United Kingdom & Ireland

3M Health Care Ltd.  
Tel: 44-1509-611-611  
Fax: 44-1509-237-288

### Venezuela

3M Manufacturera Venezuela  
Tel: 58-241-8391911  
Fax: 58-241-8391928

### Viet Nam

3M Viet Nam Ltd.  
Tel: 84 8 640986  
Fax: 84 8 641024



### Medical Division 3M Health Care

3M Center, Building 275-4W-02  
St. Paul, MN 55144-1000  
U.S.A.  
1 800 228-3957  
[www.3m.com/healthcare](http://www.3m.com/healthcare)

### Medical Division 3M Canada

Post Office Box 575  
London, Ontario N6A 4T1  
Canada  
1 800 563-2921

3M, Attest and Comply  
are trademarks of 3M.  
Please recycle. Printed in U.S.A.  
© 3M 2007. All rights reserved.  
70-2009-8709-0

