

3M Science.
Applied to Life.™



**3M™ Attest™ Vaporized
Hydrogen Peroxide Tri-Metric
Chemical Indicator, Type 4
1348/1348E**

Monitor three key variables with one simple innovation.

**The first VH2O2 CI to independently monitor
time, temperature and VH2O2 concentration.**

Now you can get a higher level of assurance with VH2O2 monitoring as you expect with steam monitoring. This Type 4 VH2O2 CI independently monitors time, temperature and VH2O2 concentration for immediate and accurate method of monitoring while streamlining your workflow.



**Detects failed VH2O2
sterilization cycles** more
accurately than any other
CI tested.*¹



**Easy-to-read “accept”
and “reject” zones.**
Clearly changes
from blue to pink.²



**The most color stable of all
VH2O2 CIs tested*** — won't
change color before sterilization
under ambient light.³



**Proprietary protective
film prevents ink
smear on surgical
instruments.⁴**



**BSI Kitemark™-
certified
Type 4
performance**

The only Type 4 VH2O2
CI that is independently
certified to meet
performance requirements
of ISO 11140-1:2014.

More assurance to help
you deliver a high standard
of care.

*Competitive Type 1 and Type 4 VH2O2 CIs

Expect a higher level of performance.

VH2O2 sterilization is designed to perform at lower temperatures to process heat and moisture sensitive instruments and devices. With the 3M™ Attest™ VH2O2 Tri-Metric Chemical Indicator, Type 4, you get sterilization monitoring results you can count on.

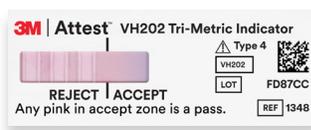
- The first FDA cleared CI for VH2O2 sterilization categorized by the FDA as a multivariable CI for chemical vapor sterilization that independently monitors three critical variables⁵
- Easy to find among instruments in a pack
- Clear results at a glance. Moving front technology eliminates time spent interpreting color changes
- 2D barcode contains lot number and expiration date to scan your hospital's current instrument tracking system
- Blue to pink color change is consistent on all 3M chemical indicators for vaporized hydrogen peroxide



Unprocessed



Processed - Reject



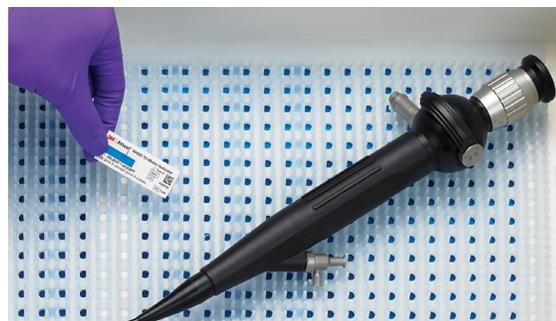
Processed - Accept



Back

3M™ Attest™ Vaporized Hydrogen Peroxide Tri-Metric Chemical Indicator 1348/1348E is Type 4 CI as defined by ISO 11140-1:2014 with the following stated values.

3M™ Attest™ Tri-Metric Chemical Indicator, Type 4	Stated Values
VH2O2	5.1 mg / L
Exposure Time	1 minute
Temperature	50°C



Ordering information

Catalog No.	Product	Length	Items/Bag	Per Case
1348	3M™ Attest™ Vaporized Hydrogen Peroxide Tri-Metric Chemical Indicator, Type 4	2 in. (5,08 cm)	250	4 bags
1348E	3M™ Attest™ Vaporized Hydrogen Peroxide Tri-Metric Chemical Indicator, Type 4	4 in. (10,16 cm)	250	4 bags
1295	3M™ Attest™ Rapid Readout Biological Indicator (pink cap)	–	30	4 bags
1228	3M™ Comply™ Hydrogen Peroxide Indicator Tape	0.75 in. (1,9 cm) roll	–	24 rolls

For more information, or to request a sample, contact your sales representative or visit go.3M.com/TriMetric.



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Web 3M.com/Medical

¹EM-05-692856, EM-05-692858
²EM-05-424823
³EM-05-692861
⁴EM-05-638321
⁵EM-05-673143

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