

3M™ Attest™ Auto-reader 490 System*
Quick Reference Guide



VH2O2 BI PCD use



Remove
Remove 1295PCD from pouch. Remove only the number needed. Leave remaining in pouch.



Confirm and verify
Confirm process indicator is unprocessed. Verify media ampoule is intact.



Place
DO NOT open prior to sterilization. Place in sterilizer; **top rack, towards front of chamber.**



Don
After cycle completion, don safety glasses and gloves.



Verify
Verify 1348 CI is ACCEPT. Verify media ampoule is intact.



Remove, verify, identify
Remove 1295 BI from pack. Verify process indicator is exposed. Identify 1295 BI by writing on label.

STEAM and VH2O2 BI activation and incubation



Crush
Squeeze BI in activator to close cap and crush media ampoule.



Flick
Remove BI and flick wrist to ensure media flows to growth chamber.



Inspect
Verify media has transferred to BI growth chamber at the vial bottom.



Incubate
Place activated BI in any well. Display shows remaining minutes of incubation or test results. **DO NOT REMOVE BI until the (+) or (-) symbol indicates the test is complete.**

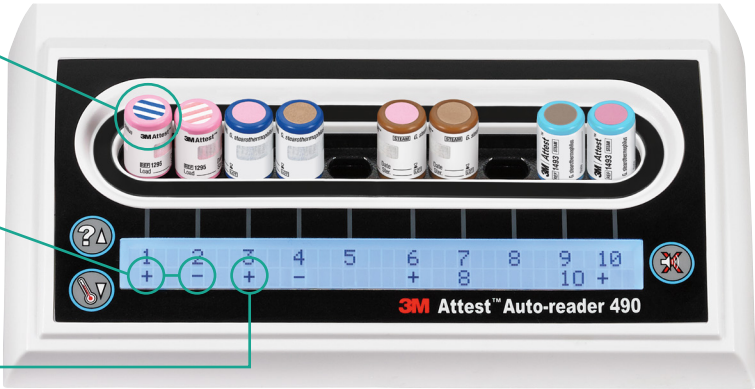
Positive control BI

For both Steam and VH2O2, each day a processed BI is incubated, activate and incubate an unprocessed BI as a positive control. The control BI should be from the same lot code as the processed BI.

Results after incubation

Control BI: Positive (+) **Acceptable**
Processed BI: Negative (-) **Acceptable Sterilization**
Processed BI: Positive (+) **Failed Sterilization**













Remaining incubation minutes










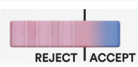




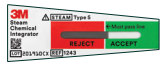







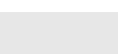
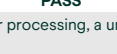
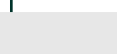
NOTES:



- Activate and incubate 1295 BI within 1 hour of completion of the VH2O2 sterilization cycle
- Gloves are recommended when activating 1295 BI
- Allow 1491 and 1492V BIs to cool 10 minutes prior to activation

Interpretation of Solventum sterilization assurance core products

STEAM Indicator	Unexposed			Acceptable Exposed		
3M™ Attest™ BI 1491 and 1492V	 1491	 1492V	 1493	 1491	 1491	 1493
After processing, indicator on cap turns light brown or darker.						
3M™ Comply™ Indicator Tape 1322						
After processing, indicator stripes turn dark-brown/black.						
3M™ Attest™ Indicator Tape 1355						
After processing, indicator stripes turn dark-brown/black.						

VH2O2 Indicator	Unexposed	Acceptable Exposed Color Range
3M™ Attest™ BI 1295		  
After processing, indicator stripes turn toward pink.		
3M™ Comply™ Indicator Tape 1228		  
After processing, indicator stripes turn toward pink.		
3M™ Attest™ Tri-Metric Chemical Indicator 1348/1348E	 REJECT ACCEPT	 REJECT ACCEPT  REJECT ACCEPT
After processing, a color change towards pink should have entered the ACCEPT window.		

STEAM Indicator	Unprocessed	Acceptable Processed PASS	Unacceptable Processed FAIL
3M™ Attest™ Steam Chemical Integrator 1243			
After processing, indicator bar crosses into the ACCEPT region.			
3M™ Comply™ Bowie-Dick Plus Test Pack 00135LF			
If the color bar is in the REJECT region or on the line, it is considered a fail.			
3M™ Comply™ Early Warning Test Sheet (above)			
3M™ Comply™ Bowie-Dick Test Sheet (below)			
When indicator ink circle on Early Warning Test sheet is lighter than the color standard, this may indicate that sterilizer maintenance should be scheduled.			
After processing, a uniform color change to dark brown/black is a pass.			
Fail result is indicated by a non-uniform color development, with a lighter colored area, usually near the center.			

STEAM Indicator	Unprocessed	Processed	Processed PASS	Processed FAIL
3M™ Attest™ eBowie-Dick Test System				
3M™ Attest™ eBowie-Dick Test Card (left)				
3M™ Attest™ eBowie-Dick Auto-reader (right)				
		After processing, indicator ink circle on test card darkens.	After processing, a light-up green check mark (✓) is a pass.	After processing, a light-up red X is a fail.