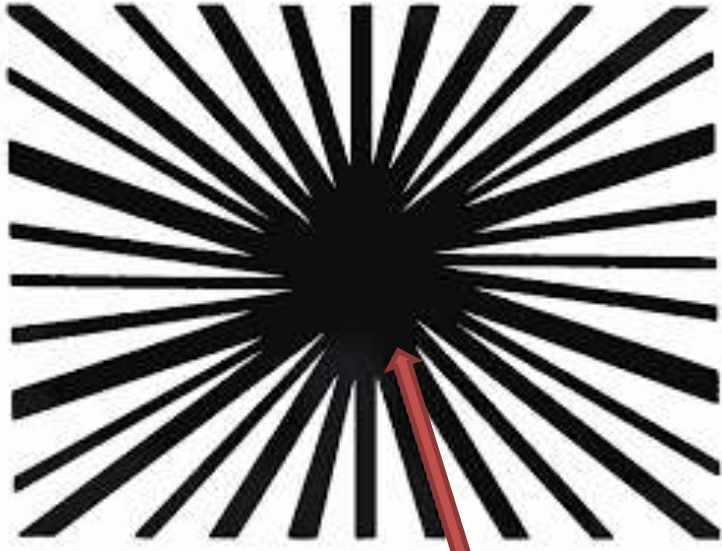




Instructions for Use: Bowie-Dick Test Pack

Brand Name of Product	Steri-Pak Steam Bowie-Dick Test Pack
Generic Name of Product	Bowie-Dick Test Pack
Product Code Number(s)	BD 111
Purpose of Product	The Steri-Pak Bowie-Dick Test Pack is designed for daily monitoring of pre-vacuum steam sterilizers operating at 132°C (270°F) for 3.5 minutes to detect the presence of residual air. Residual air can defeat pre-vacuum steam sterilization. The Test Pack also functions in pre-vacuum steam sterilizers that list the Bowie-Dick test at 4 minutes.
Range of Applications for Product	
Key Specifications of Product	<p>Color change:</p> <ul style="list-style-type: none"> The indicator sheet will change from blue to black when exposed to steam sterilization cycle with acceptable vacuum cycles. <p>Critical parameters:</p> <ul style="list-style-type: none"> Steam sterilization cycle functioning at 132°C for 3.5 minutes.

Shipping & Storage	
Shipping Conditions & Requirements	
Storage Conditions	<ul style="list-style-type: none"> Store the Bowie-Dick Test Pack at 10°C-38°C (50°F-100°F) and at 10-70% R.H. Store exposed indicator sheets away from light sources to retain the original color change results.
Packaging Conditions	
Shelf Life	36 months from date of manufacture. The expiry date is printed on the product packaging.

Instructions for Using Product	
Description of Use (s)	Designed to give visual indication that sterilizing conditions were met in pre-vacuum steam sterilization.
Preparation for Use	
Diagrams (drawings, pictures)	 <p>After Exposure- Passed Test Black Ink Indicates Passed</p>



After Exposure- Failed Test Blue Ink Indicates Failure

Steps for Use of Product

1. The Bowie-Dick test is conducted each day in an empty sterilizer prior to processing any load.
2. The sterilizer should be fully heated to operating temperature before running the Bowie-Dick test even if a short “warm-up cycle” is performed before running the test.
3. Place test pack flat on the bottom rack, near the drain – the coolest place of the empty sterilizer. The Test Pack should read “THIS SIDE UP” when placed correctly.
4. Run a pre-vacuum steam sterilization cycle as specified by the sterilizer manufacturer. The test should be run for 3.5 minutes at 132°C (270°F). The cycle time must never exceed 4 minutes. A short dry time of 2 to 5 minutes will not affect the test.
5. Remove the test pack from the sterilizer and allow the pack to cool.
6. Pull easy open zip tab across box front to open.
7. Remove the indicator sheet from the middle of the test pack. The indicator sheet is easy to find. Look for a black section printed on two edges.
8. If the indicator sheet is still warm upon removal from the pack, **DO NOT PLACE ON A COLD SURFACE**. The indicator may return to its original color if a cold surface is encountered prior to indicator equilibrium. Place the warm indicator sheet on a room temperature item, such as a towel, to slowly cool and equilibrate.
9. Examine the indicator sheet for any change or variation in color. If no significant amount of residual air is present, the indicator sheet will show a uniform black color change. If the indicator sheet shows a blue color in the center, this indicates the present of residual air.
10. Date the indicator sheet, identify the sterilizer, and save the test sheet for file records. Report any residual air indications to the department supervisor.

Interpretation of Results

- A sterilizer that is functioning normally should demonstrate a uniform black color on the indicator sheet throughout the entire pattern.
- When a significant amount of residual air is present, the chemical indicator sheet typically has a blue area in the center. If evidence of residual air is found, it is recommended that the test be repeated to assure that the sterilizer was warmed-up and no abnormalities were present in the single test cycle.

Contraindications of Test Results

Documentation

Special Warnings and Cautions

The test pack will be hot and should be opened carefully to avoid thermal injury.

Disposal

Dispose of or recycle remaining pack materials.

Reprocessing Instructions

Point of Use

Preparation for Decontamination

Disassembly Instructions

Cleaning – Manual

Cleaning – Automated

Disinfection

Drying

Maintenance, Inspection, and Testing	
Reassembly Instructions	
Packaging	
Sterilization	
Storage	
Additional Information	

Related Healthmark Products	Steam Sterilization Integrators, Steam Sterilization Monitors
Other Product Support Documents	Steriking™ Sterilization Products Brochure, Steriking™ Sterilization Products Price List
Reference Documents	SteriTec Product Technical Data Sheet
Customer Service Contact	Healthmark Industries Company, Inc 33671 Doreka Fraser, MI 48026 1-586-774-7600 healthmark@hmark.com hmark.com

2018-11-05 Ralph J Basile