



Steri-Pak LF Bowie-Dick Test Pack air elimination tests

STERI-PAK
AIR ELIMINATION TEST



functionality

The Steri-Pak LF Bowie-Dick Test Pack is designed for daily monitoring of pre-vacuum steam sterilizers operating at 134°C/273°F to detect the presence of residual air. Residual air can defeat pre-vacuum steam sterilization.

features : pre-vacuum test

steam sterilization

components

The Steri-Pak LF Bowie-Dick Test Pack product includes :

Qty	Description	Code
PRE-VACUUM PRODUCTS		
20/box	Steri-Pak LF Bowie-Dick test pack	BD108

storage

Store the Steri-Pak LF Bowie-Dick Test Pack at normal room temperature 15-30°C, and 35-60% relative humidity. Protect from moisture and excess humidity. When stored as directed the products have a shelf life of three years from the date of manufacture. the first four digits on the lot number identify the date of manufacture ie. a lot number of 0108xx means the product was manufactured in 2001(01) in August (08). All Steri-Pak indicator sheets are stable following the steam processing.

implementation

The Steri-Pak LF Bowie-Dick Test Pack is conducted each day in an empty sterilizer prior to processing any loads. In a best practice environment the interpretation of the Steri-Pak LF Bowie-Dick Test would be recorded as part of an integrated and approved QA system procedure specific to that user environment.

summary

Steri-Pak LF Bowie-Dick Test Pack

- Compliant with guidelines set out in the European Norm EN 867-4
- Lead Free
- Easy interpretation
- Permanent colour change (no reversion of colour change unlike PH indicators)
- Checks residual air in steam sterilizers

quick reference

Steri-Pak LF Bowie-Dick Test Pack product detects:



Another quality product selected and stocked by:

WM Bamford & Co Ltd p 0800-BAMFORD f 04-569-6489
e enquiries@bamford.co.nz www.bamford.co.nz

When performance counts





Steri-Pak LF Bowie-Dick Test Pack

air elimination tests

Bowie-Dick test

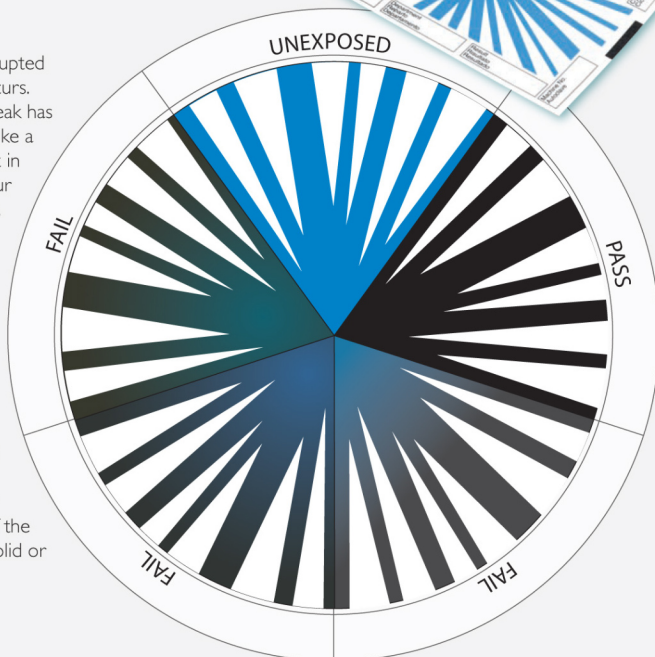
Interpretation Guide

objective : If the sterilizer is functioning normally, the indicator graphic will show a uniform colour change (to black) throughout the entire pattern. (It is important to examine the indicator sheet under good light to determine if the shade of black colour is solid or variable.)

Interpretation: correct conditions for steam sterilization conditions have been met with no air leakages. **PASS**

Black colouration is interrupted and a colour variation occurs.

Interpretation: An air leak has occurred. A severe leak, like a cut door gasket, will result in a large circle of blue colour in the centre of the sheet. Most air leaks begin small and grow larger. These can be caused by deteriorating gaskets on vacuum pump motors for example. In this event, a central blue spots appears due to air preventing the indicator ink from turning black. (It is important to examine the indicator sheet under good light to determine if the shade of black colour is solid or variable.) **FAIL**



This product was tested in Germany by Sterila Dienstleistungs GMBH, an independent testing company. Complies with EN867:4 specifications.

one-on-one Steri-Pak Bowie-Dick Test Pack customer support
 Austmel Pty Ltd is able to offer one-on-one support during office hours on our 1800 074 085 service. This is a valuable service to healthcare personnel who require immediate technical support to use the Steri-Pak Bowie-Dick Test Pack. This service is a complete one-on-one person to person level.

background

Austmel Pty Ltd is an Australian owned company established in 1974. Austmel have been directly involved in the supply and development of Sterility Assurance products for over 30 years. Our unique products and systems extend into both the Health Care and Industrials markets, including :

- MEDITRAX® Accountability & Traceability Systems
- Biological and Chemical Sterilization Indicators
- Bowie-Dick Tests
- Sterilization Packaging
- Quality Assurance Consultation
- TMI Electronic Data Loggers
- Surgical Disposables

Customer support 0800 226 367



Instructions for use of the Steri-Pak LF Bowie-Dick Test Pack :

1. Set the sterilizer parameters for the Bowie & Dick cycle. This should be a 3.5 minute cycle at 134°Celsius. If no such adjustment is available, run for a full 4 minutes.
2. Into an empty chamber, place the Steri-Pak test pack, horizontally on the lowest shelf over the drain. The test pack box should be facing up.
3. Run the cycle. The cycle time must never exceed 4 minutes. A short dry time of 2 to 5 minutes will not affect the test.
4. Remove the test pack from the sterilizer and immediately open it. **CAUTION:** the test pack will be hot and should be opened carefully to avoid thermal injury.
5. Remove the indicator sheet from the pack and dispose of the remaining pack materials.
6. Examine the test sheet for any change or variation in colour: The new chemical formulation easily identifies leaks with a blue area on the black background.
7. Date the indicator sheet, identify the sterilizer and save the sheet for file records.

quick reference

Steri-Pak LF Bowie-Dick Test Pack product references:



RESIDUAL AIR

related Pre-Vacuum products :

- Titems Monitors
- MEDITRAX® Flash Labels
- Prion Indicators
- Steam Chart 121 Integrator
- Green Card T Air Removal & Steam Penetration Test
- Green Card Bowie-Dick Test Indicator Card

