



Disposable Bowie-Dick Test Pack **MODEL** BD-TP : Product Technical Data Sheet

Product Type : Bowie-Dick indicator test pack

Model Number : BD-TP

Description: Riken Bowie-Dick Test Pack is designed as an environmentally safe lead free method for daily monitoring of pre-vacuum steam sterilizers to detect air leaks, inadequate steam penetration and vacuum pump failures. Riken Bowie-Dick Test Pack is designed to simulate a standard towel pack for detecting temperature drops and the presence of air. The test pack is placed in the sterilizer in the most difficult to sterilizing area and run through a sterilization cycle for 15 minutes at 121°C and for 3.5 minutes at 134°C. The correctly assembled test pack simulates the resistance of a Bowie-Dick test pack. The test pack is consisted of 2 parts, one is made of Steam-absorbed-coaster-2 papers and another is originally high-pressed-board-6 papers which both surfaces are coated against moisture of steam, thus replaced drastically for conventional types of papers for the required volume.

Test sheet is wrapped by paper for hung up which we call "Flap pull" system to make easier to take out without touching BD-S by finger.

Sticker binded on center front BDTP box is made of special material enabling to detect as becoming bubble and wrinkle on surface after sterilized, thus judge if used or not.

Performance Characteristics:

If no appreciable air is present in the sterilizer chamber after vacuums are drawn, the steam will penetrate to the middle of the test pack and turn the indicator sheet a uniform green color. If a small amount of air is present, sufficient to cause a two-degree temperature drop in a Bowie-Dick towel pack, the air will migrate to the middle of the test pack turning the center of the sheet as indicated by a Bordeaux red color rather than a uniform green.

Color Change: Bordeaux Red to Green for complete change and no air leak

Complete Color Change Time: 15 minutes at 121°C with no air leaks

Indicator Stability: Excellent Before and After Sterilization

Physical Characteristics:

Indicator Printing : One Kent paper sheet on one side.

Dimensions: 12cm × 12cm

Quantity / Set : 1

Sets / Case: 20

Selling Unit: Case

Environmental Conditions:

Storage: 10°—40°C (50°—100°F) at 10—70% humidity

Shelf Life: The expiry date is printed on the product packaging case.

Standards Classification: ISO 11140-1, Type 2 (Class 2) ISO 11140-4