

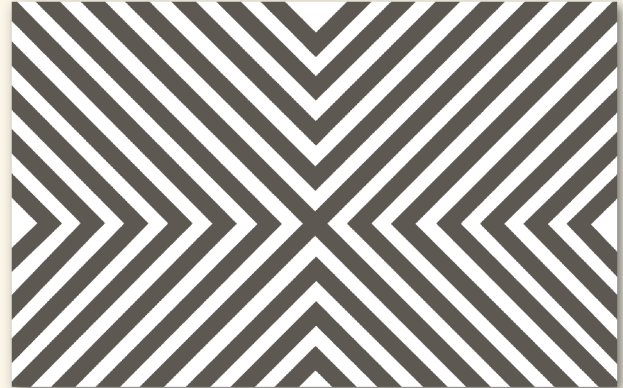


# AirView

# Disposable BOWIE-DICK Type Test Pack



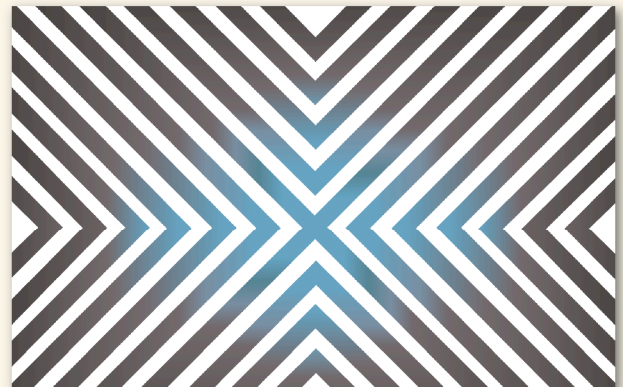
UNPROCESSED



PASS



MARGINAL FAILURE



LARGE FAILURE

## Common Reasons for Bowie-Dick Type Test Pack Failures

### LOW VACUUM LEVEL

- 1) Faulty vacuum pump.
- 2) Faulty pressure switch/sensor giving incorrect reading.
- 3) Water supply temperature to the vacuum pump is too high.

### NON CONDENSABLE GASES

- 1) Softened hard water that contains high levels of bicarbonate which degrades to carbon dioxide.
- 2) High pressure leak from a pneumatic valve into the steam supply to the sterilizer chamber.

### LEAK

- 1) Leak in sensor ports attached to the chamber.
- 2) Leak in chamber door seal due to normal wear or damage.
- 3) Leak through the pipe work where steam is passing.
- 4) High pressure leak from a pneumatic valve into the steam supply to the sterilizer chamber.

## Product Usage Instructions:

### Frequency of Use

Use daily to evaluate the efficacy of air removal and steam penetration in prevacuum steam sterilizers.

### Instructions for Use

- 1) Place a test pack in the front, bottom section of the sterilizer rack, near the door and over the drain, in an otherwise empty chamber.
- 2) Process at 134°C (273°F) for 3.5–4 minutes. Do not exceed 4 minutes.
- 3) After processing, carefully remove the test pack and allow to cool.
- 4) Confirm that the indicator on the box has changed color and then remove the indicator test sheet from the center of the test pack.
- 5) The indicator test sheet should show a uniform color change. Any unexpected color change may indicate sterilizer malfunction and should be immediately reported to the supervisor on duty for review.
- 6) Complete the information on the test sheet and retain as permanent record.

### Storage and Shelf Life

Store at controlled room temperature. The test pack has a three (3) year shelf life from date of manufacture.



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