

Getinge Assured

Mini Bowie-Dick Test Pack

Indications for Use

Mini Bowie-Dick Test Pack is a single use device designed to detect the presence of residual air in pre-vacuum steam sterilizers operating at 132°C and 134°C for 3.5 minutes. The indicator card within the Mini Bowie-Dick Test Pack will demonstrate a uniform color change from purple to green when proper sterilization conditions are met and no air is present. If enough air is present to create a 2° C (+1°/-0°C) temperature difference between the center of the towel pack, as identified in ANSI/AAMI/ISO 11140-5, and the drain temperature at the beginning of the final one minute of a three and half minute cycle the indicator card within the Mini Bowie-Dick Test Pack will demonstrate a non-uniform color change.

Color Change

The Indicator Card will change from purple (Fig.1) to green (Fig. 2) when exposed to a steam sterilization cycle with acceptable vacuum cycles. The process indicator dot will change from blue to black when exposed to a steam sterilization cycle.

Directions for Use

The Bowie-Dick test is conducted each day in an empty sterilizer prior to processing any loads.

1. Run a shortened cycle (omitting the drying phase) to properly heat the sterilizer.
2. Place the test pack flat on the bottom rack nearest to the drain. The test pack should read "THIS SIDE UP" when placed correctly.
3. Run a pre-vacuum steam sterilization cycle for 3.5 minutes at 132°C or 134°C with a drying phase of less than five minutes. No drying is also acceptable. Note: Extending the recommended time for the Mini Bowie-Dick Test Pack may result in false endpoints because entrapped air may diffuse over time.

Interpretation

1. Remove the test pack from the sterilizer and allow pack to cool. Pull the zipper tab across the front of the box to open it.
2. Remove the indicator from the middle of the test pack and dispose of or recycle remaining pack materials.
3. Examine the indicator immediately upon removal from the sterilizer and record the results. If no significant amount of residual air is present, the indicator will show a uniform green color change. If the indicator shows a purple color in the center, this indicates the presence of residual air.
4. Date the Bowie-Dick test on the back, identify the sterilizer and save the card for file records.

Safety Precautions

CAUTION: the test pack will be hot and should be opened carefully to avoid thermal injury.

Storage

- Store at normal room temperature 50° - 100° F (10° - 38°C) and 10-70% R.H.
- Protect from moisture and excess humidity.

Expiry Date

The expiry date is printed on the product packaging.

Endpoint Stability

The process indicator label and the indicator card within the Mini Bowie-Dick Test Pack will remain stable following exposure to steam sterilization for 24 months.

LOT Number

A unique identification code, LOT is printed on each indicator label and packaging labels.

Fig. 1

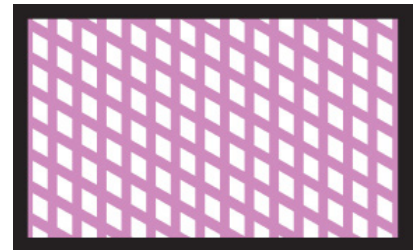
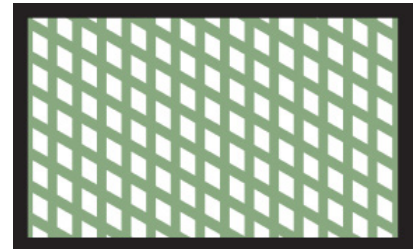


Fig. 2



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