

## **Directions for Use**

### **Famos Bowie-Dick Test Set for hollow and porous loads**

Reference: 15.100.050, 15.100.061, 15.100.072

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## 1. General information:

The **Bowie-Dick Test Set** is developed for hospital steam sterilizers which are mainly used for sterilizing mixed loads of hollow instruments and porous loads. The **Famo/25/BDM (15.100.061)**, **Famo/250/BDN (15.100.050)**, **Famo/100/BDM (15.100.072)** are the article numbers of all the Bowie-Dick Test sets in our product range. Numbers are showing the quantity of indicators per unit.

The **Bowie-Dick Test** is a mandatory test for steam sterilizers according to EN 285. It is designed for checking the proper air removal and steam penetration capabilities of pre-vacuum steam sterilisers. It is for that reason that standards are requesting to perform a Bowie-Dick test once a day prior to normal use.

The Bowie-Dick test is not replacing routine monitoring of cycles. This should be done by lot control sets and/or in pack integrators.

The chemical indicators on the strips are developed to react at 3.5 minutes at 134°C. When one of the process parameters is not met f.i. temperature or time, this will have an effect on the color change of the chemical indicators.

## 2. Directions for use:

1. Unscrew the indicator chamber of the Helix test device.
2. Fold the strip in the middle (with the indicator in the inside), place it with the break down in the head of the Helix test device. (See picture 1)
3. Close the Helix device by screwing the head firmly.
4. Put the PCD in the cotton bag (the open end of the tube shows to the closed side of the bag), place it on the mid and near the bottom of the sterilizer and sterilize it using the Bowie-Dick test program.

After sterilization (and cooling down)

5. Unscrew the Helix test device and take out the chemical indicator.
6. Interpret the indicator referring to the color change chart and stick the indicator on your daily record sheet for documentation purposes. Or simply insert the indicator into your SASCI<sup>1</sup> device and let SASCI to interpret the color.
7. Stick the chemical indicator onto your documentation sheet, or save the SASCI scan results on your computer.

Picture 1



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<sup>1</sup> SASCI is a development of Famos GmbH. The device interprets the color change of the chemical indicator strips, judges if there is a PASS or FAIL with the color change and saves the data in your computer.

### 3. When to read the test:

The test can be opened and results can be seen immediately after the cycle.\*

#### \* **Caution**

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Sterilized goods have hot surfaces. Wait until they have cooled down.  
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**Caution**

When after processing there is no color change of the indicators inside the Helix device, this shows a failure with the air removal / steam penetration. It is advisable to check the steriiser and run a second Bowie-Dick test. When there is a complete and coherent color change into black the steriliser ran a successful cycle. In both cases, the data shall be entered into the data sheet and stored.

### 4. Shelf life and storing conditions:

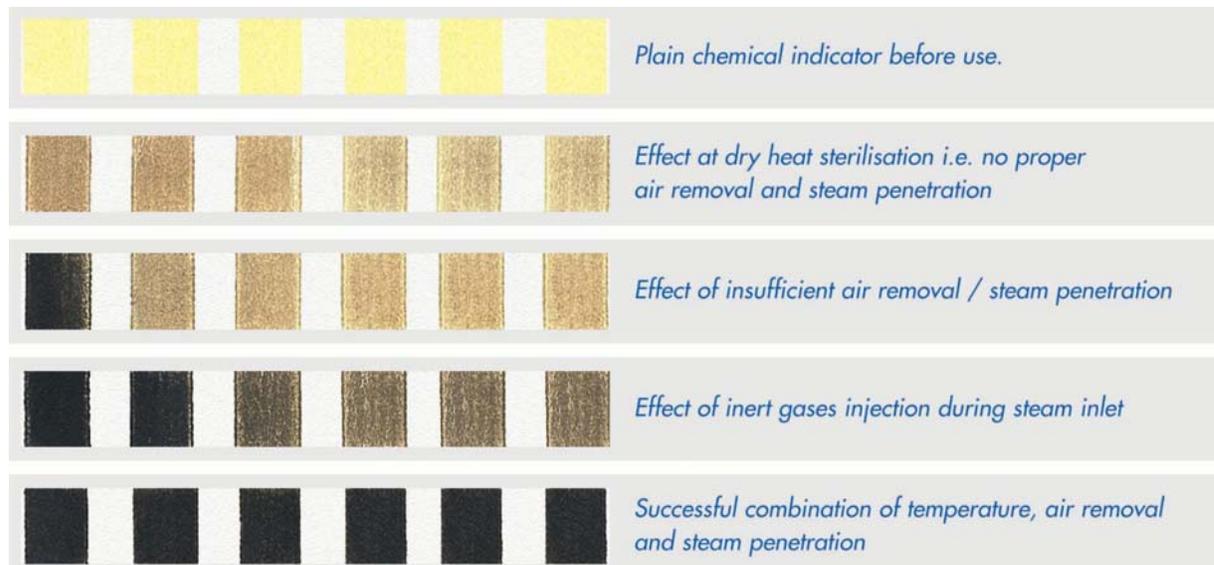
Before use: The Bowie-Dick test packs are having a shelf life of two years under recommended conditions (refer to carton). Storage room should be dark, dry and kept clean from dust.

After use: The chemical indicator after use can be stored for a minimum of ten years, under recommended storage conditions.

### 5. Limitation of liability:

Famos GmbH is not liable for any loss and/or damage arising from the unsuitable use of this Bowie & Dick Test Pack.

## Bowie-Dick Test Set Indicator Read Out



Re-order code: 15.100.050, 15.100.061, 15.100.072