

**Direction for Use (DFU BDTP 06-2015 version A)**

This direction for use is applicable for the following Sterintech products:

**102.002.0020 Bowie Dick Test pack, 20 pieces per unit**

**Bowie Dick Test Pack (BDTP)**

Note: upon receipt of goods please check whether the package was undamaged and ensure you about the expiry date of the chemical indicators.

**Introduction:**

The Bowie Dick Test Pack is used for the routine once a day monitoring and releasing pre-vacuum steam sterilizer for the day. The Bowie Dick Test Pack is based and tested against the original Bowie Dick Test Pack and can be used with the standard Bowie Dick Test cycle available on your pre-vacuum steam sterilizer.

During every sterilization cycle there is a risk that sterilization has not been accomplished due to various reasons. These can be a.o. presence of air in steam feed-in, Inert gases in generated steam or leakage of door seals but also low temperature or short holding times.

The print out parameters or chart of the recorded parameters by the steam sterilizers control is not sufficient to guarantee that sterilization conditions have been met in the complete chamber. Some of the above-mentioned disturbances cannot be detected by pressure and temperature sensors.

Therefor the Bowie Dick Test Pack is an obligatory test for many years now to detect any malfunction of the steam sterilizer before it is released and used for the day.

The indicator on the indicator sheet is covered by a lacquer and therefor no ink or any substance from the ink can migrate. The indicator ink is not containing any dangerous or toxic components and can be discarded as normal waste.

**How to use the BDTP ?**

- I. Take one of the Bowie Dick Test Pack
- II. Place the BDTP on the lower trays of a loading trolley, insert the trolley into the steam sterilizer in such a way that the BDTP is over the drain. This is one of the coolest places in the sterilizer. The Bowie Dick Test Pack is run in an empty chamber.
- III. Close the sterilizer and run the Bowie Dick Test program.
- IV. After completion of the sterilization cycle and cooling off during a few minutes take out the BDTP from the sterilizer.
- V. Open the pack and check the indicator sheet on uniformity of the color change. When all areas are completely black the Bowie Dick Test has been successfully completed.

- VI. Dependent on the color change the staff may release the sterilizer for the day.
- VII. After filling in the details as date, name, sterilizer, result etc. the Bowie Dick Test sheet can be filed for later reference. The rest of the pack can be disposed as normal waste.
- VIII. In case of a failure one should run another Bowie Dick Test but from the same make and brand. If this one is failing as well you should ask help from your technical services, supplier of the equipment and/or supplier of the BDTP.

**Classification.**

The BDTP are designed according to ISO 11140 - 4 and conform to Type 2.

**Storage conditions.**

It is important to store the BDTP in accordance with the storage conditions as displayed on the box label.

**Warning.**

This Direction for Use may be changed in the future. Check on our website regularly for updated Directions for Use.

**Reference of color change of Bowie Dick Test Pack**



1) Unexposed



2) No Vacuum / No Steam



3) Too less vacuum



4) Fully exposure (Pass)

**Explanation of the color reference**

- Position 1: Untreated BDT sheet (original chemical indicator color)
- Position 2: Typical too less vacuum pulses / steam penetration
- Position 3: Typical for too less vacuum
- Position 4: Complete successful color change