

**Extract of the** Export Catalogue

**Chemical Indicators**

**23**





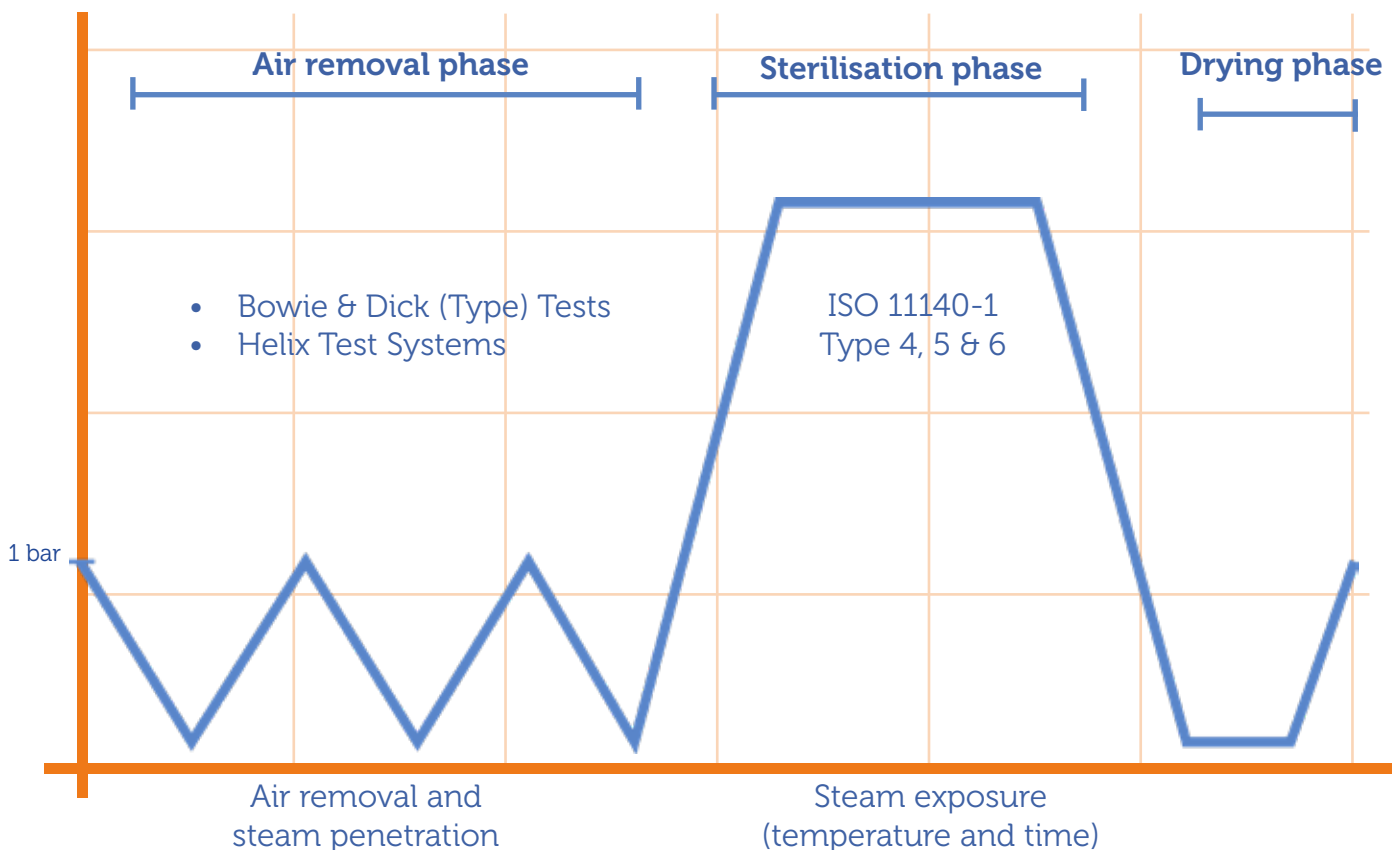
## Chemical Indicators

Chemical indicators are used to monitor whether the parameters to achieve sterilization have been met for a specific sterilization process. Chemical indicators use one or more chemicals that undergo either a physical or chemical change, that is visible to the human eye, after exposure to predetermined critical parameters such as time, temperature or pressure.

### Steam sterilisation

After loading the steriliser and closing it, the sterilisation process is started. This process consists of a preliminary phase in which air is removed from the chamber and, in several pulses, the chamber is filled with saturated steam under pressure. The sterilisation phase then starts at pre-defined time and temperature, the most common being 134 °C for 3.5 minutes. After sterilisation, the steriliser starts its drying process where the batch as well as the steriliser itself is dried.

pressure



	General discription	Interster products
<b>ISO 11140-1 Type 2: Specific Test indicators ISO 11140-4 or EN 867-5</b>	<p>Type 2 chemical indicators are indicators for use in specific tests. These types of chemical indicators are used in specific procedures defined by sterilisation standards. For example, Bowie &amp; Dick type tests are used for a steam steriliser with a pre-vacuum cycle to check the efficiency of air removal and steam penetration in the autoclave chamber.</p>	<ul style="list-style-type: none"> <li>• Bowie &amp; Dick Autoclave Lean Pack</li> <li>• Bowie &amp; Dick Helix Test</li> <li>• Bowie &amp; Dick A4 Test sheet</li> <li>• Helix Test Systems</li> </ul>
<b>ISO 11140-1 Type 6: Emulating indicators</b>	<p>Type 6 chemical indicators are known as Cycle Specific Indicators and are designed to respond to all critical parameters for specified sterilisation cycles. For example, each Type 6 chemical indicator for steam sterilisation monitors the specific temperature and time of a selected sterilisation cycle.</p>	<ul style="list-style-type: none"> <li>• Steam Emulating Indicators</li> </ul>

## Type 6 indicators

### Steam Emulating Indicator

- + Conform ISO-11140-1 (Type 6)
- + Non-toxic and lead free
- + Available for several states values
- + Also available with self adhesive for easy archiving
- + Also available as Steam Dual Emulating Indicator



Article no.	Description	Box qty	Stated values
3FSKS645818	Steam Emulating Indicator	250	3.5 min./134°C; 15 min./121°C
3FSKS645819	Steam Emulating Indicator	100	3.5 min./134°C; 15 min./121°C
3FSKS645822	Steam Emulating Indicator	250	5.3 min./134°C; 15 min./121°C
3FSKS645826	Steam Emulating Indicator	250	7 min./134°C; 20 min./121°C
3FSKS645830	Steam Prion Indicator	250	18 min./134°C