

## TS-DA-10 Instructions for the biological monitoring of steam sterilization processes

### Area of application:

The test system contains the biological indicator SIMICON ST/DA according to ISO 11138-3.

It is designed for the biological validation and routine monitoring of steam sterilization processes.

### Testing procedure:

1. Number the biological indicators or process challenge devices.  
Don't open any of the single indicator pouches.
2. One indicator serves as growth and transport control. Do not sterilize this control indicator.
3. Place the remaining indicators in process challenge devices for the simulation of hollow ware or in hard to sterilize goods (i.e. instrument containers, flexible wrapping), distributing them in representative spots in the sterilization chamber.
4. When using programmes for porous goods, the biological indicators have to be placed inside a cloth package. Position the test package "cloth" in a representative spot in the sterilization chamber.
5. Start the sterilization process.
6. Fill in the test report. Document the distribution of the biological indicators or process challenge devices inside the load or mark their position on the drawings.  
**Note:** Be sure to enter all data concerning sterilizer model, temperature, pressure and time as well as the batch number of the test.
7. After the sterilization process is completed remove the biological indicators / process challenge devices from the machine.  
Send the biological indicators together with transport control and test report to SIMICON GMBH.  
**Note:** Don't forget to add your address, telephone and fax number on the test report.
8. As soon as the biological assessment has been completed, SIMICON will return the test report including test results to you.