

Test system SIMICON EN-DUO

for endoscope washer disinfectors with pressure chamber system

Area of application:

The test system SIMICON EN-DUO is designed for the biological validation and routine monitoring of cleaning and disinfection processes in WD for flexible endoscopes. The test system contains biological indicators in process challenge devices simulating endoscope channels and single biological indicators for monitoring the outside cleaning of endoscopes. The indicators are contaminated with test soil and *E. faecium* 10⁹ cfu/carrier according to ISO 15883-5.

Testing procedure:

The test is performed in 5 steps.
The components needed for each step are numbered accordingly.

Put on one-way gloves

1

Placement of the endoscope PCDs

Narrow the outlets of both pressure chambers into the teflon tubes with the enclosed special mandrels (figure 1).



Figure 1



Figure 2

Screw each PCD into the thread of a small PP-adapter. Insert the small PP-adapters into the slot on the side of the pressure boxes so that the PCDs can be placed in the load carriers as shown in figure 2. Close the pressure boxes and check for a tight fit.

Note: The PCDs already contain the biological indicator SIMICON EF. Please do not open the receptacles nor unroll the PCDs.

2

Placement of the biological indicators SIMICON EN

Using the cable ties, attach one of the biological indicators SIMICON EN to the upper rear part of the chamber and place the other in the small-parts basket or fasten both indicators to the load carriers.

Take off one-way gloves

3

Growth / transport control

Do not process the reference indicators!

Choose the disinfection programme and start the washer disinfecter.

4

Test report

Enter all requested data in the test report. Please provide your address, telephone and fax number.

5

Removing the indicators

Note: For the following steps work aseptically, i.e. sanitize hands after each step.

Disconnect all the adapters and PCDs from the machine. Separate the PCDs from the PP-adapters and place them in the self-adhesive tyvec-pouches provided. Indicate their position in the machine on the pouch.

Remove the biological indicators SIMICON EN and transfer them into the return tubes.

Note: Only touch the indicators on the outer rim next to the drill hole.

Sanitize your hands before removing the second indicator.

Shipping

Return the test system to SIMICON. Please check first for completeness.

As soon as the assessment is completed, SIMICON will return the test report including test results to you for your documentation.