

## Instructions for the performance assessment of washer-disinfectors

ParaSure CEI (PS1600) for surgical instruments  
using the Parasure Standard Basket PCD (PS1610)

### Field of application:

This protein test can detect protein residues within 1 µg sensitivity and 10 seconds of time. When protein is present, the solution will turn from brown to blue. This test provides a semi-quantitative measure of surface cleanliness; the higher the level of contamination of protein, the darker and faster the colour changes to blue.

### Conducting of the test procedure:

1. Take the cleaning indicator ParaSure CEI out of the pouch and choose the respective PCD according to the requirements of the cleaning process. In this case, place the indicator in the Standard Basket PCD (PS1610).
2. Place the PCD in a representative spot ("worst case") in the charging basket.
3. Put the charging basket in the washer-disinfector. Check the program and start it.
4. Once the cleaning cycle is completed, take the ParaSure CEI cleaning indicator out of the Standard Basket PCD for surgical instruments and assess the cleaning performance visually.
5. Compare the indicator with the pictures of the Assessment Aid:

**No residue of test soil = Cleaning process successful**

**Residue of the test soil visible = Cleaning process not successful**

6. Note down the result of the visual assessment on the batch control form and release or do not release the load, according to the result of the test.
7. After the assessment the indicator can be disposed with domestic waste.



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## Instructions for the performance assessment of washer-disinfectors

ParaSure CEI (PS1600) for MIS instruments  
using the Parasure Standard Lumen PCD (PS1620P)

### Field of application:

The ParaSure CEI (PS1600) cleaning indicator is designed for the validation and the routine monitoring of the cleaning efficacy of cleaning and disinfection processes in washer disinfectors for hollowware and minimally invasive surgery (MIS) instruments. The ParaSure CEI is a cleaning indicator made of stainless steel (V4A), which is contaminated with test soil (blood and additives), according to TS EN ISO 15883 - 5.

### Conducting of the test procedure:

1. Open the ParaSure Standard Lumen PCD (Process Challenge Device)(PS1620P) by turning the cap.
2. Take the cleaning indicator ParaSure CEI out of the pouch and insert it into the holding slot. Then put the cap back onto the PCD.
3. Attach the PCD tube to a representative cleaning nozzle of the charging basket for MIS.
4. Put the charging basket in the washer-disinfector. Check the program and start it.
5. Once the cleaning cycle is completed, take the ParaSure CEI cleaning indicator out of the PCD and assess the cleaning performance visually.
6. Compare the indicator with the pictures of the assessment aid overleaf:  
No residue of test soil = Cleaning process successful  
Residue of the test soil visible = Cleaning process not successful
7. Note down the result of the visual assessment on the batch control form and release or do not release the load, according to the result of the test.
8. After the assessment the indicator can be disposed with domestic waste.



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## Instructions for the performance assessment of washer-disinfectors

ParaSure CEI (PS1600) for flexible endoscopes  
using the Parasure Single Lumen Channel Control (SLCC1 & SLCC2)

### Field of application:

The ParaSure CEI (PS1600) cleaning indicator is designed for the validation and the routine monitoring of the cleaning efficacy of cleaning and disinfection processes in washer disinfectors for flexible endoscopes. The ParaSure CEI is a cleaning indicator made of stainless steel (V4A), which is contaminated with test soil (blood and additives), according to TS EN ISO 15883 - 5.

### Conducting of the test procedure:

Conducting of the test procedure:

1. Open the ParaSure Single Lumen Channel Control PCD (PS1630P or PS1640P) by turning the cap.
2. Take the cleaning indicator ParaSure CEI out of the pouch and insert it into the holding slot. Then put the cap back onto the PCD.
3. Attach the PCD tube to a representative cleaning nozzle of the charging basket.
4. Attention: When testing with Olympus EDT-WD, please connect the Olympus adapter to the luer-lock end-piece and attached the PCD to a representative cleaning nozzle of the charging basket. Make sure that at least 3 out of 6 cleaning nozzles are either connected or blocked.
6. Once the cleaning cycle is completed, take the ParaSure CEI cleaning indicator out of the PCD and assess the cleaning performance visually.
7. Compare the indicator with the pictures of the assessment-aid-sheet:

**No residue of test soil = Cleaning process successful**

**Residue of the test soil visible = Cleaning process not successful**

8. Note down the result of the visual assessment on the batch control form and release or do not release the load, according to the result of the test.
9. After the assessment the indicator can be disposed with domestic waste.



PS1630P



PS1640P

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## Instructions for the performance assessment of washer-disinfectors

ParaSure CEI (PS1600) for flexible endoscopes  
using the Parasure Multi Lumen Channel Control (MLCC)

### Field of application:

The ParaSure CEI (PS1600) cleaning indicator is designed for the validation and the routine monitoring of the cleaning efficacy of cleaning and disinfection processes in washer disinfectors for flexible endoscopes. The ParaSure CEI is a cleaning indicator made of stainless steel (V4A), which is contaminated with test soil (blood and additives), according to TS EN ISO 15883 - 5.

### Conducting of the test procedure:

1. Open the ParaSure Multi Lumen Channel Control PCD (PS1650P) by turning each of the three caps.
2. Take three cleaning indicator ParaSure CEIs out of their pouches and insert one into each of the holding slots. Then replace the caps on the PCD.
3. Attach the PCD tube to the representative cleaning nozzles of the charging basket.
4. Attention: When testing with Olympus EDT-WD, please connect the Olympus adapter to the luer-lock end-piece and attached the PCD to a representative cleaning nozzle of the charging basket. Make sure that at least 3 out of 6 cleaning nozzles are either connected or blocked.
5. Put the charging basket in the washer-disinfector. Check the program and start it.
6. Once the cleaning cycle is completed, remove the ParaSure CEIs from the PCD and assess the cleaning performance visually.
7. Compare the indicators with the pictures of the assessment aid (overleaf):  
No residue of test soil = Cleaning process successful  
Residue of the test soil visible = Cleaning process not successful
8. Note down the result of the visual assessment on the batch control form and release or do not release the load, according to the result of the test.
9. After the assessment the indicators can be disposed of with domestic waste.



**Notice:**  
The cleaning indicator ParaSure CEI is intended only for use with the specific process challenge devices. Otherwise valid results can not be warranted.

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