

Declaration of Conformity

GKE Clean-Record® Cleaning Process Monitoring Indicators (CPIs)

CPIs are suitable to monitor cleaning processes. The CPIs have different wash-off characteristics depending on the detergents used, therefore the tests are carried out in two different detergent solutions. After the indicator is washed off from the carrier, it is dissolved or dispersed in the liquid and flushed off with the detergent solution.

The CPIs are tested in a spray rig, which generates reproducible spray conditions which can be used to test and compare the wash-off characteristics of test soils with a neutral or alkaline rinsing solution. The following test conditions are selected for all tests:

General test conditions for all rinsing liquors

Test Rig: Spray rig with BETE cone nozzle, spray angle 60°
 Temperature: 55°C
 Flow rate: 1,5 l/min
 Spray distance: 20 cm between nozzle and test soil

The CPIs are tested from SAL-GmbH, a test laboratory accredited according to EN ISO 17025 under the stated conditions that the wash-off characteristics defined according to the product specification are assured anytime. With this certificate GKE confirms reproducible wash-off characteristics of the CPIs within the specified shelf life.

Art. no.	Description	Wash-off time [sec]		Application
		Neutral rinsing liquor	Alkaline rinsing liquor	
810-000, -001	W-BP-L0	180	-	Bedpan washers, Washer-disinfectors (WD) for surgical instruments, Washing machines for textiles + Endoscope washer-disinfectors (E-WD) using a GKE Hollow-Flow-PCD
810-101, -102, -103	W-CPI-Y	600	-	
810-201, -202, -203	W-CPI-G	-	20	
810-301, -302, -303	W-CPI-B	-	120	
810-351, -352, -353	W-CPI-P	-	300	
810-401, -402, -403	W-CPI-R	-	600	
810-901, -902, -903	W-MC-CPI	-	20, 120, 600	
810-501, -601	W-WA-L5, -L6	-	900, 900	
810-111, -112	W-U-CPI-Y	600	-	Ultrasonic baths
810-211, -212	W-U-CPI-G	-	20	
810-311, -312	W-U-CPI-B	-	120	
810-411, -412	W-U-CPI-R	-	600	

A comparative measurement in the SAL spray rig between GKE CPIs and the test soils according to EN ISO 15883-5 is possible and can be ordered as a test specifying the desired process conditions.

GKE guarantees that the above performance criteria and the GKE test requirements for quality control are met. The continuous quality is guaranteed by our quality management system according to EN ISO 13485*.

Waldems, 2024-01-15



Dipl.-Ing. Dr. Ulrich Kaiser
R & D-Manager

* This certificate is available on the GKE homepage www.gke.eu.

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