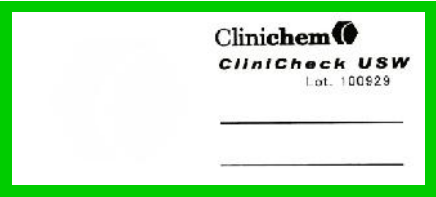

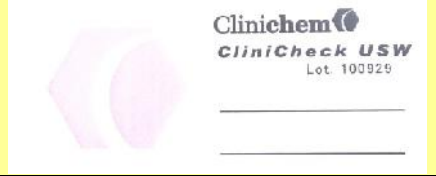




## CliniCheck USW - Troubleshooting Guide

CliniCheck USW Test Result	Rating	Description (in cleaning with ordinary WD)	Test result interpretation	General Corrective Actions
	4	<div style="text-align: center; background-color: blue; color: white; padding: 5px; font-weight: bold;">Good</div> <ul style="list-style-type: none"> <li>• Good cleaning condition in general</li> </ul>	<ul style="list-style-type: none"> <li>• Optimum result</li> </ul>	<ul style="list-style-type: none"> <li>• Not necessary</li> </ul>
	4-	<div style="text-align: center; background-color: blue; color: white; padding: 5px; font-weight: bold;">Nearly good</div> <ul style="list-style-type: none"> <li>• Slight residual of the test spot</li> </ul>	<ul style="list-style-type: none"> <li>• Very few remaining of the factor described in rating 3 .               <ul style="list-style-type: none"> <li>...Detergent dosage, cleaning temperature, overloading, positioning of CliniCheckUSW, spray nozzle etc.</li> </ul> </li> <li>• Basic properties of the detergent to be used.</li> </ul>	Check the following factors. <ul style="list-style-type: none"> <li>• Action factors described in rating 3.</li> <li>• Detergent compatibility</li> </ul>
	3	<div style="text-align: center; background-color: blue; color: white; padding: 5px; font-weight: bold;">Not good</div> <ul style="list-style-type: none"> <li>• Partial residual of the test spot</li> <li>• Defective cleaning performance</li> <li>• Insufficient cleaning condition in general</li> </ul>	<ul style="list-style-type: none"> <li>• Low dosage or lack of detergent</li> <li>• Short cleaning time</li> <li>• Low cleaning temperature</li> <li>• Overloading / incorrect-loading</li> <li>• Insufficient detergent efficiency</li> <li>• Incorrect positioning of CliniCheckUSW</li> <li>• Blocked spray nozzle</li> <li>• Blocked filter</li> </ul>	<ul style="list-style-type: none"> <li>• check and adjust the dosage / concentration of detergent</li> <li>• check the cleaning time</li> <li>• check the cleaning temperature</li> <li>• check and adjust the loading conditions</li> <li>• check and adjust the storage conditions and the expire date of the detergent</li> <li>• check and adjust the setting position of CliniCheck USW</li> <li>• check water filter and spray nozzle</li> </ul>
	2	<div style="text-align: center; background-color: blue; color: white; padding: 5px; font-weight: bold;">Bad</div> <ul style="list-style-type: none"> <li>• Clear residual of the test spot</li> <li>• Clearly insufficient cleaning performance</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of detergent</li> <li>• Insufficient water pressure</li> <li>• Non-uniform water distribution</li> <li>• Pump defect</li> <li>• Missing cold pre-rinsing step or pre-rinsing too hot</li> <li>• Complete breakdown of WD</li> </ul>	<ul style="list-style-type: none"> <li>• check pump</li> <li>• check tube connections / reservoir of detergent</li> <li>• check per-rinsing temperature or availability of per-rinsing step (below 40°C)</li> <li>• Refer to Service Engineer</li> </ul>
	1	<div style="text-align: center; background-color: blue; color: white; padding: 5px; font-weight: bold;">Original</div>		

CliniCheck USW is a demanding test for automatic washing processes. It is meant to mimic the authentic situation where the stainless steel instruments that are contaminated with dried blood must be cleaned. Typical process conditions for such processes are:

- Cold pre wash phase, below 40 °C
- Hot wash phase, preferably closer to 60 than 50 °C
- Sufficient water pressure
- Sufficient process time
- Sufficient detergent quantity
- Alcalic detergent (enzymatic detergents may not withstand temperatures above 50 °C)
- Correct practices in chamber loading
- Softened water, hard water decreases detergency