The Hill-Rom® 900 Platform
Going beyond the standard for superior quality and reliability

The Hill-Rom 900 platform was designed, engineered and tested to deliver superior durability, exceed industry standards and ensure reliability through its lifetime.

Based on caregiver input and field immersions (multi-country, services, care environments, etc.), Hill-Rom developed a quality-based process for testing, validation and verification of the Hill-Rom 900 Platform to confirm the overall functionality and performance.

Our Quality-based Process
Estimated the utilisation rate and number of use cycles for each product function to:
• Establish baseline field durability and safe operation of the product (design life)
• Create reliability tests

Tested and audited* from development through production to:
• Evaluate all quality and safety aspects of the platform performance

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Delivering Superior Durability

The attachment points on the base frame and the sleep deck distribute the load equally across the sleep deck for optimal lateral stability.

In addition to traditional cleaning protocols, the Hill-Rom 900 platform is validated for steam cleaning.

Computer-aided simulation of stress on the lift arms help determine the design and material of these critical components.

* Cumulative load is the ‘per kg’ load multiplied by the number of cycles defined in each test protocol.
(Testing and auditing performed in collaboration with an independent organisation in France, Certified Body: Laboratoire National d’Essais)
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Exceeding Industry Standards

<table>
<thead>
<tr>
<th>Tested components</th>
<th>Regulation** Requirements</th>
<th>Hill-Rom Test Practices</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Endurance of the backrest and leg-rest</td>
<td>1,000</td>
<td>20,000</td>
</tr>
<tr>
<td>• Resistance of the sleep deck</td>
<td>10,000</td>
<td>50,000</td>
</tr>
<tr>
<td>• Resistance of the siderails</td>
<td>9,000</td>
<td>250,000</td>
</tr>
<tr>
<td>• Resistance of the siderails mechanism during locking motion</td>
<td>30,000</td>
<td>60,000</td>
</tr>
<tr>
<td>• Resistance of the High-Low system with Safe Working Load</td>
<td>3,000</td>
<td>8,000</td>
</tr>
<tr>
<td>• Resistance of the head and foot-board fixtures</td>
<td></td>
<td>60,000</td>
</tr>
<tr>
<td>• User interfaces - Quality verification including spray, usage</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>• Ultraviolet resistance</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>• Resistance to chemicals and steam</td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

** According to the IEC 60601-2-52 (2010) certificate testing requirements.

Ensuring Reliability Through Lifetime

Reliability extends into everything we do from product development, engineering and manufacturing to clinical testing, service and support. The Hill-Rom 900 platform quality-based development process provides reliability through lifetime.

Make the sound investment for your organisation and provide reliable, high-quality and safe service to your patients and caregivers for years to come.

Hill-Rom is a leading global medical technology company whose products, services and more than 10,000 employees worldwide help people get better care inside and outside the hospital. Our innovations in five core areas – Advancing Mobility, Wound Care and Prevention, Patient Monitoring and Diagnostics, Surgical Safety and Efficiency, and Respiratory Health – improve clinical and economic outcomes and ensure caregivers in more than 100 countries have the products they need to protect patients, speed up recoveries and manage conditions. Every day, around the world, we enhance outcomes for patients and their caregivers.

Learn more at hill-rom.com.

www.hill-rom.com