**Purpose:**

This process describes the schedule for the calibration, cleaning, and maintenance of the Helmer Ultra CW cell washer.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TASK** | **DAILY** | **WEEKLY** | **MONTHLY** | **ANNUALLY** |
| Inspect the tubing and drain and clear obstructions if necessary. | 🗸 |  |  |  |
| Inspect the tubing connections and secure them if necessary. | 🗸 |  |  |  |
| Clean and dry the interior after normal usage toprevent corrosion and contamination.► For more information and instructions, seeSection 6.2.2, “Cleaning the interior.” | 🗸 |  |  |  |
| Flush the system.► For more information and instructions, seeSection 6.2.3, “Flushing the system.” |  | 🗸 |  |  |
| Clean the fill ports on the rotor.► For more information and instructions, seeSection 6.2.4, “Cleaning the fill ports.” |  | 🗸 |  |  |
| Check the saline volume setting and calibrate it ifnecessary. Frequency varies by length of service.► For more information and instructions, seeSection 5.2, “Calibrating the saline volume.” | 🗸 |  |  |  |
| Inspect the rotor for wear, corrosion, and damage.Replace the rotor if these conditions exist, or afterthe rotor has been in use for 5 years. |  |  | 🗸 |  |
| Inspect the tube holders for wear and damage. Replace tube holders if they are worn or damaged,or after they have been in use for 2 years.► For more information and instructions, see Section 6.4, “Replacing tube holders.” |  |  | 🗸 |  |
| Clean the exterior.► For more information and instructions, see Section 6.2.1 “Cleaning the exterior.” |  |  | 🗸 |  |
| Replace the supply and drain tubing.► For more information and instructions, seeSection 3.7.1, “Installing and removing thesupply and drain tubing.” |  |  |  | 🗸 |
| **TASK** | **DAILY** | **WEEKLY** | **MONTHLY** | **ANNUALLY** |
| Replace the pump tubing.► For more information and instructions, seeSection 6.3, “Replacing the pump tubing.” |  |  |  | 🗸 |
| Replace the tube holder inserts for 10 mm x 75 mm if applicable. |  |  |  | 🗸 |
| Tachs and Times |  |  |  | Minimum of Semi-Annually |

**References**

Helmer Ultra CW Operator’s Manual

AABB Standards for Blood Banks and Transfusion Services, Current Edition.