

# Care of Rotor & Accessories

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### **WARNING**

Follow standard safety precautions for handling of potential biological hazards!

Proper rotor / carrier care is required on horizontal rotors to maintain smooth performance and to minimize rotor imbalances caused by dynamic carrier imbalances. The frequency it is required is dependent upon variables such as workload, tube breakages, and cleaning / disinfecting frequency. This procedure should be performed after any tube breakage (after all glass has been removed and the rotor chamber has been cleaned), and after any cleaning or disinfecting of the carriers or the rotor chamber is performed. If there is a procedure calling for scheduled cleaning and/or disinfecting, please add this procedure as the last step of that procedure.

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## MATERIALS REQUIRED

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1. Tri-Flow® cleaner / lubricant (available as GFMD, Ltd. cat. no. SIL00181)
2. Cotton Swabs
3. Rubber Gloves

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## CLEANING & LUBRICATING PROCEDURE

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1. Ensure all the carriers (buckets) have the same serial number. The serial number will be on the outside bottom of the carrier.
2. Ensure the carriers are in their correct rotor position. The rotor position number will be on the outside bottom of the carrier.
3. Starting with rotor position 1.
4. Remove the insert (tube holder) from the carrier and set aside.
5. Remove the carrier from the rotor.
6. Ensure there is no debris or residue from broken tubes in the carriers that may affect balance.
7. Set the carrier upside down on a convenient work surface.
8. Shake the Tri-Flow® well and apply a small amount into the recessed area on one side of the carrier.

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9. Clean the recessed area out using a cotton swab.
10. Repeat steps 8 & 9 using fresh cotton swabs until the swabs do not show any gray/black residue after use. Leave a film of lubricant when finished.
11. Perform steps 8 - 10 on the recessed area on the other side of the metal carrier.
12. Shake the Tri-Flow<sup>®</sup> well and apply a small amount to a fresh cotton swab and clean the rotor pivot pins by wiping with the cotton swab.
13. Repeat step 12 with fresh cotton swabs as necessary to thoroughly clean the rotor pins. Leave a film of lubricant when finished.
14. Replace the carrier onto its rotor position.
15. Ensure there is no debris or residue from broken tubes in the insert that may affect balance.
16. Replace the insert into its carrier.
17. Perform steps 4 - 16 on rotor positions 2 - 4.
18. Ensure that the opposite inserts are of the same type, balanced, and oriented the same.