**Drucker 614B Laboratory Centrifuge Rotor Maintenance (Bi-Annually or When There is a**

**Tube Breakage):**

*CAUTION: Unplug the centrifuge from the electrical outlet at this time to eliminate the possibility of electrical shock or other injury.*

**To remove the rotor:**

1. Open the lid.
2. Remove the test tube holders.
3. Remove the knob or nut in the center of the rotor by turning it counter-clockwise. A nut driver may be required.
4. The rotor is sitting on a cone-shaped adapter. Pull the rotor up and off of this adapter.
5. The rotor chamber, rotor and accessories should be thoroughly cleaned using isopropyl alcohol, soap and water, or bleach.

**To install the rotor:**

1. Place the rotor back onto the cone-shaped adapter. You may need to turn the rotor slightly to line it up properly.
2. The rotor should slide onto the rotor cone freely.
3. Once a proper fit has been achieved, replace the rotor knob or nut and turn it until it is hand-tight.
4. Replace the tube holders and verify that they are seated properly.
5. Plug the centrifuge in to an approved electrical outlet. For electrical safety, the unit must always be properly grounded..
6. Spin the rotor by hand; check for free and level rotation.
7. Close the lid. Rotate the lid knob clockwise to its complete stop position.
8. Turn the centrifuge on by turning the timer to 10 minutes.
9. Listen to the centrifuge. A smooth whirring sound should be heard.

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| Revision  Number | Revision  Date | Effective  Date | Revision  Author | Quality  Approval | Production Approval | Revision Description |
| 00 | 06/01/2012 | 06/01/2012 | Stephen Ballew | Deborah  Durbin | Jason  Bumgarner | New Document |
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