

PREMIER MAGNESIA - GILES CHEMICAL

COMPANY PROCEDURE

USP Centrifuge Rotor Maintenance

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Revision: 00 Effective Date: 06/01/2012

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Procedure Number: QA-LAB-48



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:

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



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