

MAINTENANCE

Perform the following procedures regularly to ensure continued performance and long service life of the centrifuge.

- Inspect the centrifuge chamber for accumulations of sample, dust, or glass particles from broken sample tubes. Clean as required (see CLEANING, below).
- Check the air intake and exhaust for obstructions. Keep vents clear and clean.
- Wipe condensation out of the rotor chamber between runs with a sponge or clean cloth to prevent chamber icing.
- If chamber icing occurs, defrost the system and wipe moisture out of the chamber before use. To defrost the system, set the temperature to 30°C for 20 minutes. (These are suggested settings which may be adjusted as appropriate for your laboratory conditions.)

NOTE

Before using any cleaning or decontamination methods except those recommended by the manufacturer, users should check with the manufacturer that the proposed method will not damage the equipment.

CLEANING



Clean the centrifuge frequently. Always clean up spills when they occur to prevent corrosives or contaminants from drying on component surfaces.

- To prevent accumulations of sample, dust, and/or glass particles from broken sample tubes, keep the chamber clean and dry by frequent wiping with a cloth or paper towel. For thorough cleaning, wash the chamber using a mild detergent such as Beckman Solution 555™ (339555), diluted 10 to 1 with water. Rinse thoroughly and dry completely.
- Clean the centrifuge exterior surfaces by wiping with a cloth dampened with Solution 555, diluted 10 to 1 with water. Do not use acetone.

- Remove the rotor from the centrifuge and clean the drive hub regularly using Solution 555 (diluted 10 to 1 with water) and a soft brush. Rinse thoroughly and dry completely.

Tube Breakage

If a glass tube breaks, and all the glass is not contained in the bucket or rotor, be sure to thoroughly clean the chamber.



WARNING

Be careful when examining or cleaning the chamber and chamber gasket, as sharp glass fragments may be embedded in their surfaces.

- Examine the chamber gasket to make sure that no glass particles are retained in it. Carefully remove any glass particles that may remain.
- Carefully wipe away any glass particles that remain in the chamber.

DECONTAMINATION



If the centrifuge and/or accessories are contaminated with radioactive or pathogenic solutions, perform all appropriate safety and decontamination procedures. Refer to *Chemical Resistances* (publication IN-175) to be sure the decontamination method will not damage any part of the instrument.

STERILIZATION AND DISINFECTION

The centrifuge is finished with acrylic baking enamel. Ethanol (70%)¹ may be used on this surface. See *Chemical Resistances* for chemical compatibilities of centrifuge and accessory materials.

While Beckman Coulter has tested ethanol (70%) and found that it does not damage the centrifuge, no guarantee of sterility or disinfection is expressed or implied. When sterilization or disinfection is a concern, consult your laboratory safety officer regarding proper methods to use.

CIRCUIT BREAKER AND FUSES

There are no user-replaceable fuses in the centrifuge.

If the centrifuge circuit breaker trips for any reason, the power switch will move to the off (O) position. Reset the circuit breaker by turning the power switch back to the on (I) position. If it trips again immediately, *do not reset it*. Call Beckman Coulter Field Service.



CAUTION

Repeated attempts to reset the centrifuge circuit breaker can cause substantial damage to electrical and electronic components.

STORAGE AND TRANSPORT

STORAGE

To ensure that the centrifuge does not get damaged, contact Beckman Coulter Field Service for specific instructions and/or assistance in preparing the equipment for transport or long-term storage. Temperature and humidity conditions for storage should meet the environmental requirements described under SPECIFICATIONS in Section 1.

¹ Flammability hazard. Do not use in or near operating centrifuges.

SUPPLY LIST

Contact Beckman Coulter Sales (1-800-742-2345 in the United States; worldwide offices are listed on the back cover of this manual) for information about ordering parts and supplies. A partial list of supplies is given below for your convenience.

NOTE

Publications referenced in this manual can be obtained by calling Beckman Coulter at 1-800-742-2345 in the United States, or by contacting your local Beckman Coulter office.

REPLACEMENT PARTS

Anti-rotation kit..... 392988

SUPPLIES

Spinkote lubricant (1 oz)..... 306812
Silicone vacuum grease (2 oz) 335148
Beckman Solution 555 (1 qt) 339555
Program library record 233679