

Troubleshooting

Contents

- “Manual Door Release” on page 37
- “Troubleshooting by User” on page 38
- “When to contact a Service Technician” on page 39

Manual Door Release

During a power failure, you will not be able to open the centrifuge door with the regular electric centrifuge door release. A mechanical override is provided to allow sample recovery in the case of an emergency. However, this should be used only in emergencies and after the rotor has come to a complete stop.



CAUTION The rotor can still be spinning at high speed. If touched, it can cause serious injuries.

Always wait until the rotor has come to a stop without braking. The brake does not work when there is no current. The deceleration process lasts much longer than usual.

Proceed as follows:

1. Wait until the rotor has stopped. This might take some 40 minutes or even longer.



CAUTION Never use your hand or any tools to brake the rotor.

2. Pull out the power supply plug.
3. On the left side of the housing are two white plastic plugs which you can pry out of the side plate with a screwdriver or a knife.
Pull the release cords attached to it at the same time to trigger the mechanical centrifuge door release. The centrifuge door will open and the samples can be removed.

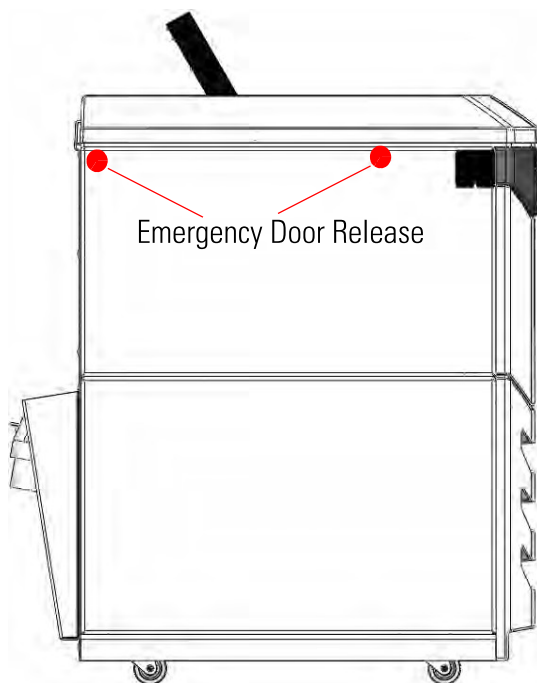



Figure 17. Emergency Door Release

Note You need to pull both release cords in order to unlock both locks.

4. Push the release cords back into the centrifuge and mount the plug.
5. Reconnect the centrifuge once the power has been restored.
6. Switch on the centrifuge.
7. Press  on the touchscreen or the big key on the right corner of the centrifuge.

Troubleshooting by User

Error message appear in a red screen.

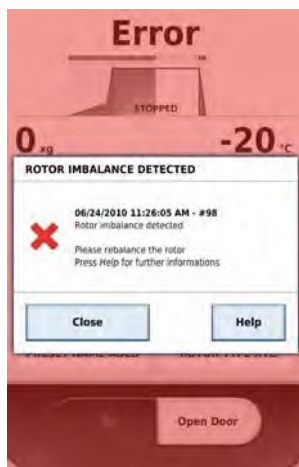


Figure 18. Example for an error message