

Lid Opening and Rotor Checking

Ensure that the centrifuge has been switched ON. Pull the handle on the centrifuge right side towards the front of the unit : the lid is automatically unlocked and opens.

In the case of a mains power outage, opening of the lid is prevented by the lid lock safety device. It is recommended to wait for the mains power to be switched back on so that this safety device enables the lid to be unlocked (refer to 3.6 for manual lid opening).



Carefully clean the inside of the centrifugation chamber removing any packing residues.

In fact, due to air turbulence, solid particles accidentally left in the centrifugation chamber create excessive wear of the chamber itself and of the outer rotating equipment surface. ▲

To install the rotor:

- Check that the motor shaft and rotor are clean
- Put the rotor on the motor shaft
- Secure the rotor on the shaft by turning the hexagonal nut counter-clockwise (with the supplied tool)
- Verify that the rotor cannot be removed by trying to pull it (gently) off the shaft.
- In case you are using a swing-out rotor:
- Gently grease the trunnions
- Put the buckets on the trunnions after verifying that the weight of the buckets is identical (the weight is engraved on the bottom of each bucket).

Manual Lid Unlocking Procedure

In the event of mains non-availability or power failure, opening of the lid is prevented by the lid locking safety device. It is recommended that the user waits for the mains to be switched back on so that this safety device enables the lid to be unlocked.

Manual lid unlocking must only be done by someone informed of the possible danger and of the necessary precautions.



Rotating parts are a risk as they could come in contact with the user or be ejected. There is particularly high risk of injury if:

- The user attempts to manually stop the rotor

- Any object falls inside the centrifugation chamber while the rotor is running. ▲

Manual lid unlocking may be necessary under a very limited number of conditions, such as the urgent recovery of critical samples that could be damaged if left in the centrifuge rotor.

In this case the lid can be opened by using the special tool supplied with the centrifuge.



Always set the power switch to the OFF position before performing this manual procedure, even in the case of a mains power outage. ▲

Should the emergency occur due to power failure during centrifugation wait at least 10 minutes for the end of the rotor rotation. In spite of the absence of noise, the rotor could still be rotating when you need to open the lid manually. Upon opening, lift the lid by hand and observe the rotor (be careful in this operation): if it is still rotating, close the lid and wait.



Figure 1. Insert the unlocking tool horizontally into the hole on the right hand side of the instrument.

Figure 2. While pressing up with your finger, to press down with the unlocking tool, pull the lid lever toward you: the lid opens upwards.

The protection sticker must be replaced after it has been pierced (item N° 85241772).

