

The rear foot

- Using the 17 mm box spanner (6) proceed as for the front feet.
- Set the centrifuge straight on its feet using the spirit level provided with the machine.

Lid Opening - Manual Lid Unlocking

The HT 6 is equipped with a double locking safety device which stops the machine starting if the lid is not completely closed and prevents lid opening before the end of rotation.

When the centrifuge is switched on, wait until display returns to the stand-by mode then pull forwards the latch lever located on the right hand side of the unit : the lid is automatically unlocked and opens.



In the case of a mains power cut, opening of the lid is prevented by the lid locking safety device. It is recommended to wait for the mains to be switched back on so that this safety device enables the lid to be unlocked. ▲

During rotation, the slightest leak from a sample is enough to create aerosols. Rotation of the rotor can only be detected when the machine is switched on. Opening the lid manually if the rotor is still rotating, would disperse the aerosols in the environment.

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

- The user tries to manually stop the rotor,
- Any object falls inside the centrifugation chamber.

Manual lid opening procedure

If the machine has stoppped because of a mains power cut, the rotor could still be rotating. Wait 10 minutes before opening the lid. In spite of the absence of noise, the rotor could still be rotating when you need to open the lid manually.



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

Even in the case of a mains power cut, always set the mains switch to the OFF position before carrying out this operation.

- Insert the unlocking device into the hole on the top right of the instrument by piercing the protection sticker.
- While pressing down on the unlocking device, pull the lid lever forward.

- The lid opens upwards automatically.

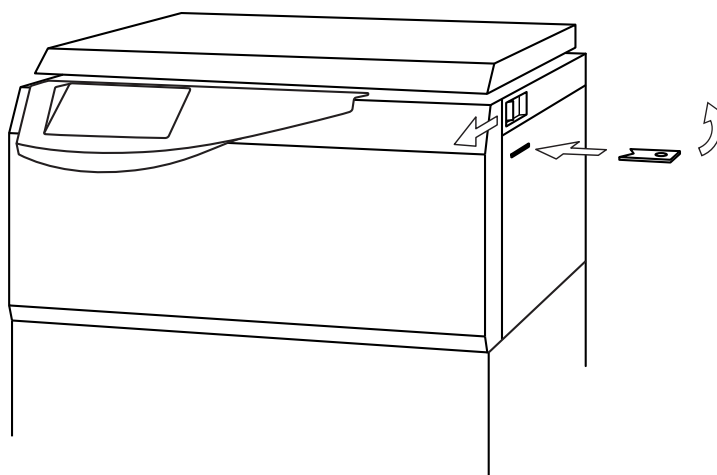
The protection sticker must be replaced after it has been pierced
(cat. n° 85241911: 230 V/50 Hz, cat. n° 85241912: 208 V/60 Hz).

It is recommended that manual lid opening operation be performed only by specially trained individuals who are authorized by the Lab Manager. The person responsible for the laboratory whenever the centrifuge is being used should strictly control the use of the manual lid unlocking tool.



Only use the manual lid opening procedure in case of power failure or failure of the electrical lid lock system, and then only with the main switch in the OFF position. ▲

Figure 4.4
Manual Lid Opening



Inspection

Before installation, the rotor should be thoroughly inspected for corrosion and cleanliness.

Chemical and stress corrosion will eventually lead to disruption of the rotor with potential severe damage to the centrifuge.

Particles stuck inside the pockets can cause breakage of tubes and lead to major imbalance and / or loss of sample and contamination.



Check that the central hole of the rotor and the drive spindle are clean and undamaged. Remove any particles with a soft cloth.

Refer to chapters 5.9 and 5.10.

Rotor Installation

The rotors and buckets used with the Sorvall HT 6 are very heavy. When handling these accessories, take appropriate precautions to prevent back or other skeleto-muscular injury.

Ensure that the rotor is attached properly to the drive shaft, and that