

Operating Instructions Table centrifuge

Building: SupraFAB

Area of application:
Freie Universität Berlin
Altensteinstr. 23a



Operating Instructions – Working with Table centrifuge

According to Occupational Health and Safety Regulation

Work space: SupraFAB

Work station: different places in area 114 and 115

Hazards for people and the environment



Risk of rotor breakage if the rotor is not properly maintained.
Formation of aerosols if rotors and/or centrifuge buckets break.

Protective measures and rules of behaviour



Before operation, the rotor, centrifuge beakers/tubes and their closures must be visually inspected to ensure that they are free of corrosion and intact. Sealing rings must also be checked to ensure that they are intact and properly seated.

Clean the rotors regularly with a neutral cleaning agent. After cleaning, rinse the rotor with distilled water and then allow to dry. Aluminium rotors must then be treated with anti-corrosion oil.

Only use rotors and centrifuge beakers/tubes that are approved for operation in this centrifuge (see operating instructions).

The permissible load and speed must not be exceeded (see operating instructions).

Select the working height of the centrifuge so that the rotor chamber is visible. Vessel breakage and leaks should be visible before the centrifuge lid is opened.

Rotors must be loaded evenly so that no unacceptable imbalance occurs and the risk of liquid leakage is minimized.

Carry out a visual inspection after the program has run. In the event of breakage of tubes with infectious material/leakage on the rotor lid:

- Put on protective clothing (at least lab coat, disposable protective gloves, safety goggles, filtering half mask protection level P3).
- Immediately after opening, spray the centrifuge chamber and the outside of the rotor with disinfectant in accordance with the hygiene plan.
- Allow the disinfectant to take effect according to the instructions.
- Remove the rotor and only clean it in a safe place. Disinfect the inside of the rotor according to the hygiene plan, allowing the disinfectant to take effect according to the instructions.
- Soak up liquid material (cellulose cloths).
- If necessary, remove glass pieces with tweezers, remove centrifuge beaker/tube from rotor.
- All contaminated objects must be collected in disposal bags and autoclaved.

Always leave lid opened and switch the centrifuge off after usage especially when the centrifuge is cooled!

Behaviour in case of danger



Inform the person responsible for the area immediately in the event of faults! Switch off the machine!

In case of fire: Keep calm!

Call the fire department on 112! Inform the central control room on 55112!

Warn employees!

Fight the fire with a CO2 extinguisher! Pay attention to self protection!

First aid

Operating Instructions Table centrifuge	Building: SupraFAB	
	Area of application: Freie Universität Berlin Altensteinstr. 23a	



Inform first aiders (see alarm plan). Treat minor injuries immediately and enter them in the first aid book.
 In the event of more serious injuries, consult a general practitioner or call an emergency doctor.
 Inform the workshop management.
 Rescue service: **112**

Proper disposal-service

The cooled centrifuges must be inspected by an expert once a year in operating condition.
 Inspections and repairs may only be carried out by authorised, qualified persons.

For further questions, please contact the Occupational Safety department
Tel.: -54495

Date and signature of division manager: