

Operating Instructions Bioreactor

Building: SupraFAB

Area of application:
Freie Universität Berlin
Altensteinstr. 23a



Operating Instructions – Bioreactor for dynamic cell culture

According to Occupational Health and Safety Regulation

Work space: SupraFAB

Work station: Room 114.5

Hazards for people and the environment



Danger from rotating pumps.
Electricity hazard due to damaged cables.

Protective measures and rules of behaviour



Only trained persons are allowed to work with the bioreactor.

Pumps have rotating parts. Do not manipulate them when they are switched on.

Take care not to get fingers, hair or other body parts into the rotating pump.

Do not pour liquids directly on or inside the instrument.

Disinfect contaminated work surfaces and instruments (e.g. with 70% ethanol). Remove larger contaminations with wipes or similar materials and autoclave.

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



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

Replacement parts may only be used if the material and design are equivalent to the original.

Consider the maintenance plan of manufacturer.

Repairs may only be carried out by authorised, qualified persons. Regular inspections may only be carried out by authorised persons.

For further questions, please contact the Occupational Safety department

Tel.: -54495

Date and Signature of the division manager