

2024-05-16

Signature:

## Operating Instructions

According to the  
Betriebssicherheitsverordnung

UNIVERSITÄT  
DUISBURG  
ESSEN

Offen im Denken

Faculty of Chemistry

Institute: AAC

Work place: AAC Labs

### EQUIPMENT

#### Gerstel MPS automated sample preparation

#### DANGERS FOR HUMANS AND ENVIRONMENT



- The unit complies with safety class I (with earth connection).
- Do not open the housing of the unit during operation.
- Handling of toxic, flammable and hazardous solvents, samples and reagents.
- Risk of burns from hot surfaces.
- Do not touch moving parts during operation.

#### PROTECTIVE MEASURES AND RULES OF CONDUCT



- Observe the operating instructions of the modules and the system.
- Before switching on the unit, all earth contacts, extension cables, autotransformers and connected devices must be connected via earthed mains sockets.
- All adjustment, maintenance and repair work on the opened unit should only be carried out when the unit is disconnected from the mains voltage. This rule can be overridden for trained service technicians.
- Observe the hazards of organic solvents and other chemicals with the aid of:
- Safety Data Sheets, Damaris or Gestis and applicable safety regulations must be observed in all cases.
- Check the compatibility of the chemicals with the system before use.
- The unit must not be operated in an explosive environment

#### RESPONSE TO MALFUNCTIONS



Shut down device immediately, faults must be reported to:

- Constanze Dietrich Tel.: 1834559
- Dr. Sven Meckelmann Tel.: 1833295
- Prof. Dr. Oliver Schmitz Tel.: 1833950

## BEHAVIOR IN CASE OF ACCIDENT / FIRST AID



- Keep calm.
- Call first responders.
- Emergency call: 0112
- Report accident.

## INSTANDHALTUNG / ENTSORGUNG

- Maintenance only by authorized, competent persons.
- Switch off the device and disconnect it from the mains.
- Regular inspection of wearing parts.