

Nr.: 0014-R01e
2020-03-25

Operating Instructions

According to the Betriebssicherheitsverordnung

UNIVERSITÄT
DUISBURG
ESSEN

Offen im Denken
Faculty of Chemistry

Institute: AAC

Work place: AAC Labs

Activity: Laboratory work

EQUIPMENT

Voltammetry Computrace 797 VA mit scTrace Gold mit Elektrodenschacht

DANGERS FOR HUMANS AND ENVIRONMENT



- Electrical safety in the context of IE 61010-1 is guaranteed.
- Do not open the device when it is connected to the mains.
- Protection against electrostatic charges is needed.
- Defect grounding can make the device dangerous!
- There is a risk of crushing fingers between the cover and the measuring head arm.
- Do not open when the unit is stirring, risk of injuries by V-belt and drive axle.
- Use of acids (citric acid, sulfamic acid)

PROTECTIVE MEASURES AND RULES OF CONDUCT



- First unplug the device before opening it.
- Earth the device when it is touched when it is in open state.
- Before connecting devices to the 797 VA Computrace, turn off the power switch.
- Always open the probe arm together with the cover.
- If necessary, wear disposable gloves as a splash guard.
- Always fix the measuring container carefully.
- Do not touch the electrodes, this will destroy them.
- Never wipe electrodes with fabrics, they will be destroyed.
- Observe the hazards due to citric acid and sulfamic acid – consult Safety data sheets, eg. from Damaris or Gestis.

RESPONSE TO MALFUNCTIONS



Shut down device immediately, faults must be reported to:

- Maria Madani, if not present O. Schmitz, M. Sulkowski, F.Uteschil, S. Meckelmann.

BEHAVIOR IN CASE OF ACCIDENT / FIRST AID



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

MAINTENANCE / DISPOSAL

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