Range of Application

Working with Critical Point Dryer Leica EM CPD 300

Hazard for People and the environment

- Contact with electricity or potential for electric shock
- Exposure to CO_2 gas
- Exposure to pressure vessel

Safety Measures and Rules of Behavior

The machine is to be used only by instructed persons
General:
- It is forbidden to dry any biological samples or any samples that might contaminate this machine
- Only the provided ethanol is to be used as exchange medium
- Only the provided holder and filler are to be used
- The lid may only be removed when the pressure gauge reads 1bar
- Turn off instrument, and be sure NOT to tighten nuts on lid, so that the next user knows upon starting work that the dryer is not under pressure
- The dryer requires the use of liquid CO_2 cylinder with a purity of 5.0. Only trained staff is permitted to move and install these cylinders

Personal protective equipment:
- Safety goggles
- Lab coat
- Nitrile gloves
- Enclosed footwear

Storage:
- The provided ethanol is to be stored at a well-ventilated place

Behavior in a Dangerous Situation

- Enter the danger zone only with adequate protective clothing
- Get people out of the danger zone
- Immediately leave the danger zone
- Inform your superior
- In case of fire, every fire-extinguishing medium can be used

Action in Accident, First Aid

- Treat smaller injuries
- Inform first aiders
- Note accident in the accident book
- In case of sever injuries, inform an emergency doctor
- Inform your superior

Disposal

- Do not dispose of the waste in the drain and use only the provided container.

Deutsche Version auf der Rückseite!