

Short instruction Freezedryer Labconco 2.5L with heated drying racks

Samples need to be frozen (1.5 or 2ml tubes)

Don't use solvents (volatile organics), acids, bases! The pump will be damaged!

1 hour before you start

- Make sure that the oil in the vacuum pump is clear and without bubbles
- The drain hose must be plugged
- The collector coil inside the chamber must be free of ice, water and dust
- The lid (surrounded with a black gasket) must be placed on top of the chamber
- Make sure that all wire connections of the racks match according to their color
- Close the valve on top of the acrylic cylinder and place it over the tower, watching out that no cables are jammed
- Switch on the main at the freeze dryer (bottom right side), the pump will be switched on later.
- Press "**MAN REFRIGERATION**". The machine will start to cool until it reaches the desired point (see manual)

Drying

- Put your pre-frozen samples in the aluminum rack (in the freezer below the freeze dryer) and place it on the middle platform (sensor is connected there), if you have more samples you can also use the other platforms
- Immediately place the acrylic hood over the tower (watch out the cables) and start the "**VACUUM**"