

# How to operate cryostat Leica CM1950

## Basic info

Cryostat Leica CM1950 is a high-end device used for frozen sectioning. Our cryostat costed **1,2 mil. CZK** and the last fix costed 80,000 CZK... so handle this machine with care.

## How to access cryostat

1. Write an email to the responsible person for the first introduction.
2. Within the following month, practice at least 3x under the supervision of any experienced user.
3. You will receive access to the reservation system.
4. After this, you can use the machine on your own following Never ever and Must do sections.

## Never ever

1. Do not pour any liquid inside the cryostat
2. Do not leave any samples in the cryostat
3. Do not leave razor in the holder
4. Do not leave sample holders or brushes inside the cryostat after your session



## Responsible person and expert users



## Reservation system access



## Must do

### Before usage

1. Always book your session.
2. Check if the cryostat is in good shape (temperature, the level of cleanliness etc.).
3. Be gentle with the cryostat, especially with anti-roll plate glass (cost around 3,500 CZK).

### Once you finish

4. Clean all surfaces with the paper tissue soaked in 70% Ethanol.
5. Switch the UV on for 15 min.
6. Sign into the users sheet provided next to the cryostat.

## Additional materials

