



Quick Information Tips Before to Use Cryolys-Precellys

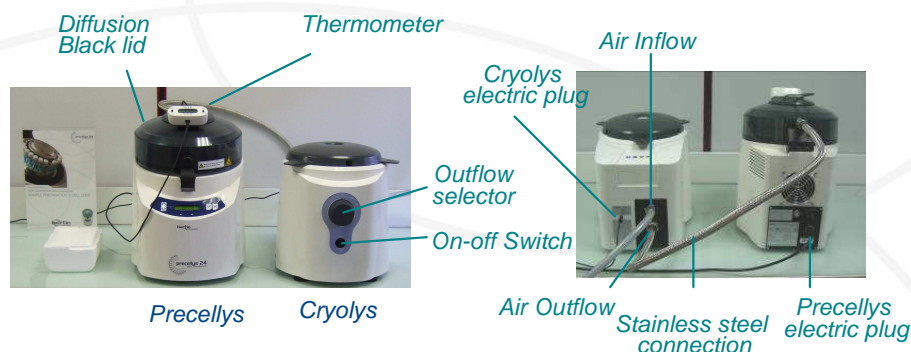
- This document does not replace the User Manual -

Dry Air Requirements:

- Min Pressure: 4bars (58 PSI)
- Max Pressure: 8bars (116PSI)
- Max Flow rate: 120 liter/minute
- Max Flow rate: 7,2 cubic meter/hour

Liquid Nitrogen Requirements

- 1 liter/run
- protections (gloves, glass)



➤ 1 - Fill up the Cryolys



Be in a ventilated area
Use glasses and protective gloves

Look at the level of Liquid nitrogen after the smoke disappears.

➤ 2 - Set the Parameters



1) Select outflow position

- Pos.01: Precellys speed from 5,000 to 5,600rpm
Pos.02: Precellys speed from 5,600 to 6,200rpm
Pos.03: Precellys speed from 6,300 to 6,800rpm

Cryolys Outflow selector



2) Select Precellys parameters

Choose speed, cycle, duration, break according to your samples.
See our database on www.precellys.com

Precellys front panel

➤ 3 - Cooling step



Turn the Cryolys ON (Pos.1 / Pos.2 / Pos.3) and wait until the temperature inside diffusion black lid reaches +10°C.

During the run, the operator have to assess the outflow position according to the protocol (speed, number of cycle and duration).

➤ 4 - Put Samples on holder



Fig.0



Fig.1



Fig.2



Fig.3

Fig.0 Keep your samples on ice.
Fig.1 Place your samples in the Precellys tube holder.
Fig.2 Put the white comb on the top of your samples.
Fig.3 Close the black diffusion lid.

➤ 5 - Homogenization step



Push "Valid" button on Precellys.

The temperature inside diffusion black lid increases during run, and decreases during break. This temperature has to stay between -5°C and 10°C for an efficient cooling.

For that, you have to change the position of the outflow selector to adjust the temperature during the run (Pos.01 / Pos.02 / Pos.03).

At the end of the Precellys run, turn OFF the Cryolys and remove your samples from the Precellys holder, put them directly in ice.

