

# PRECELLYS® EVOLUTION



## The most efficient & flexible homogenizer

- **Super efficient:** powerful 3D motion, up to 10 000rpm
- **Super strong:** high quality manufacturing
- **Super flexible:** 5 sizes of tubes from 0.3ml to 15ml
- **Super easy:** automatic tube locking system



# PRECELLYS® EVOLUTION

## Super Homogenizer

The Precellys® Evolution offers optimal **robustness, safety, efficiency and flexibility**.

Especially designed for **L3 laboratories**, the Precellys® Evolution is based on **10 years of sample preparation expertise**. The instrument's unique figure-8 multi-directional motion provides the same high level of energy and homogenization efficiency to each tube.

The Precellys® Evolution has the capability to process **4 different sizes of tubes and up to 24 tubes** simultaneously. Its flexibility and high efficiency gives users the ability to **grind, homogenize or lyse** any type of soft or hard sample from animal, human, plant or microorganism, in about 30 seconds. It is the perfect solution for either routine applications or specific R&D projects.

## Applications



Cancer research



Agronomy



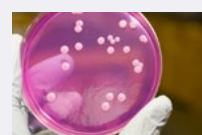
Forensic



Pharmacology

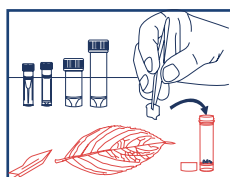


Environment

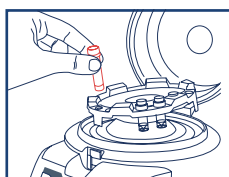


Microbiology

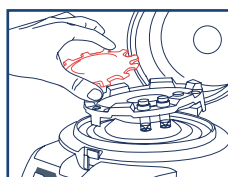
## Precellys® Evolution - Quick User Mode



1. Choose the right Precellys® Lysing kit (pre-filled tubes with beads)



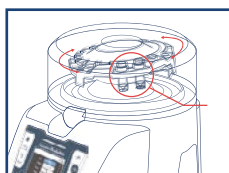
2. Choose the appropriate tube holder and load from 1 to 24 samples



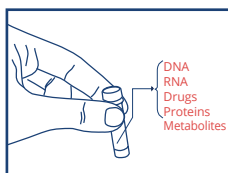
3. Tubes are automatically blocked by the patented tube locking system



4. Select «Use» in the main menu and set up the parameters



5. 3D bead-beating movement gives the same efficiency for each tube



6. In ~30 seconds, your samples are ready for analysis!



**Preserve your sensitive samples:** ensure the combined yield and integrity of thermo-sensitive molecules by using the Cryolys cooling unit!



## Technical specifications

### CAPACITY

from 1 to 24 tubes of 2mL/0.5mL  
from 1 to 12 tubes of 7mL  
from 1 to 6 tubes of 15mL  
from 8 to 96 wells of 300µL

### SPEED RANGE

4 500 rpm to 10 000 rpm  
(by increment of 100)

PROGRAMS: Unlimited

NUMBER OF CYCLES: up to 10

TIME OF CYCLE: 90s

PAUSE BETWEEN CYCLES: 120s

### SIZE

L: 378mm, W: 515mm, H: 400mm  
(632mm with opened lid)

WEIGHT: 27,2 kg

NORMS: CE, FCC part 15

### ELECTRICITY

90 - 250VAC / 50-60 Hz  
power: 1 kVA

NOISE < 70dB

CATALOG NUMBER  
EQ02520-300-RD000.0

## Precellys homogenizers range

Discover the full range of products



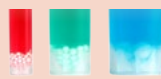
**Precellys® 24**  
for high throughput



**Minilys**  
for personal use



**Cryolys**  
for sensitive molecules



**Lysing kits consumables**



## Nous contacter

### Service technique

Réactifs : 01 34 60 60 24 - tech@ozyme.fr

Instrumentation : 01 30 85 92 88 - instrum@ozyme.fr