



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

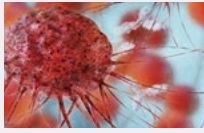
Super Homogenizer

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

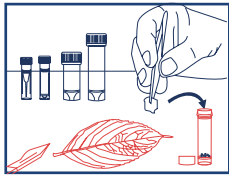


Environment

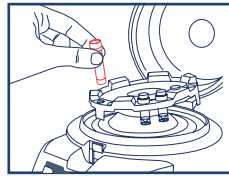


Microbiology

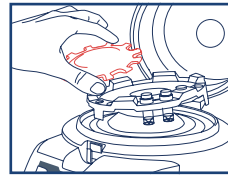
Precellys® Evolution - Quick User Mode



1. Choose the right Precellys® Lysing kit (prefilled tubes with beads)



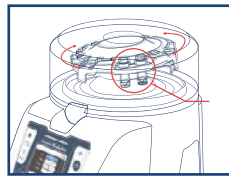
2. Choose the appropriate tube holder and load from 1 to 24 samples



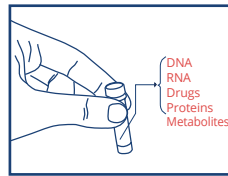
3. Tubes are automatically blocked by the patented tube locking system



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



Minily
for personal use



Cryolys
for sensitive molecules



Lysing kits consumables