

# Precellys® Evolution



## The most efficient & flexible homogenizer

- Super efficient: DNA, RNA & proteins from any biological sample
- Super strong: powerful 3D motion, up to 10,000 rpm
- Super flexible: 6 different volumes of tubes
- Super easy: automatic tube locking system



# PRECELLYS® EVOLUTION

## SUPER HOMOGENIZER

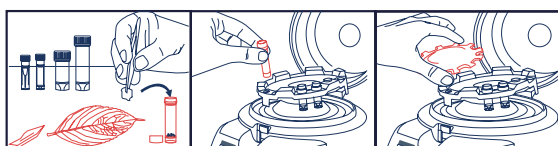
The Precellys® Evolution offers optimal robustness, safety, efficiency and flexibility. It is the perfect solution to disrupt samples and get access to DNA, RNA, proteins or small molecules.

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.

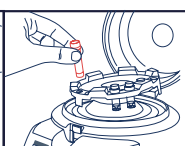
The Precellys® Evolution has the capability to process 6 different sizes of tubes, up to 24 tubes simultaneously. Its flexibility and high efficiency gives users the ability to grind, homogenize or lyse any type of soft or hard sample from animal, human, plant or microorganism, in about 30 seconds.

Sample are then ready for DNA/RNA analysis, PCR, Electrophoresis, Liquid Chromatography, Western Blot...

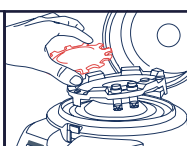
### Quick User Mode



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



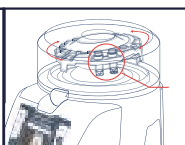
2. Choose the appropriate tube holder and load from 1 to 24 samples



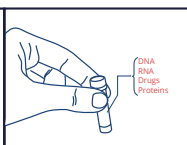
3. Tubes are automatically blocked by the patented tube locking system



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 sample is ready for analysis!



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

### Applications



DNA/RNA extraction



Protein extraction



Metabolite/drug extraction

### Precellys Homogenizers Range



Precellys® 24 Touch



Cryolys® Evolution



Minilys



Lysing kits consumables

### Technical features

#### Capacity

from 1 to 24 tubes of 2 mL/0.5 mL  
from 1 to 12 tubes of 7 mL  
from 1 to 6 tubes of 15 mL  
from X to X tubes of 50 mL  
from 8 to 96 wells of 300 µL  
from 1 to 6 metal tubes

#### Speed range

4,500 rpm to 10,000 rpm  
(by increments of 100 rpm)

#### Programs

Unlimited

#### Number of cycles

up to 10

#### Time of cycle

up to 90 sec

#### Pause between cycles

120 sec

#### Size

L 378 mm, W 515 mm, H 400 mm  
(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

P000062-PEVO0-A

### Discover our comprehensive range of solutions



AIR SAMPLING



SAMPLE PREPARATION



ASSAY KITS



CELL IMAGING SYSTEM



TECHNOLOGY ON DEMAND



Discover our solutions