

PRECELLYS® 24



Efficient, robust and high throughput tissue homogenizer

- **Efficient:** powerful 3D motion
- **High quality:** robust, ergonomic and safe
- **Flexible:** from soft to hard tissues
- **Reproducible:** validated protocols available online



PRECELLYS® 24

Tissue homogenizer

Grind and homogenize a wide range of biological samples with Precellys® 24! Designed for **L3 laboratories**, it is **highly robust for daily use**.

The system enables the preparation of **up to 24 biological samples** from soft to hard tissue (animal & human tissue, plant tissue, microorganisms...) and has been validated on more than 1000 different samples: from brain, muscle and heart samples to very hard matter such as bones, hair and rice.

A figure-8 multi-directional motion gives a high energy to the beads that grind up to 24 samples **in few seconds (~30 sec) at speed ranging from 4000 to 6800 rpm**.

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

Applications



Cancer research



Agronomy



Forensic



Pharmacology

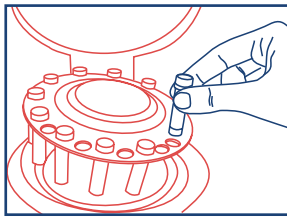


Environment

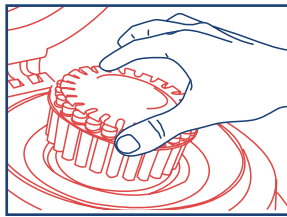


Microbiology

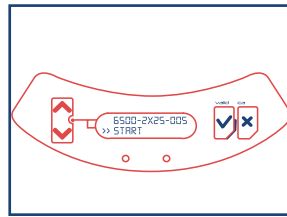
Precellys® 24 - Quick User Mode



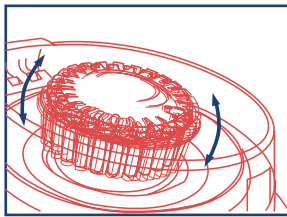
1. Load from one to twenty-four 2ml tubes



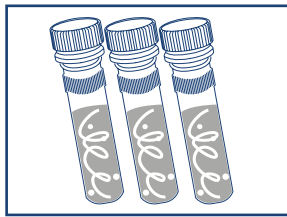
2. Position the patented system for quick and safe locking



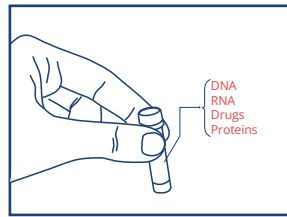
3. Set speed (4000 - 6800 rpm), time and cycle



4. 3D bead-beating: homogenization is achieved in few seconds



5. The same efficiency in each tube enables the liberation of cell components



6. In 30 seconds, your sample is 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

SPEED RANGE
4 000 rpm to 6 800 rpm
(by increment of 100)

PROGRAMS:
5 recordable programs

NUMBER OF CYCLES: up to 3

TIME OF CYCLE: up to 90s

PAUSE BETWEEN CYCLE:
up to 120s

SIZE:
L: 290mm, W: 375mm, H: 370mm
(600mm with opened lid)

WEIGHT: 29.8 kg

NORMS: CE, FCC part 15

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

NOISE < 70dB

CATALOG NUMBER
P000669-PR240-A

Precellys homogenizers range

Discover the full range of products



Precellys® Evolution
Super Homogenizer



Minilys
for personal use



Cryolys® Evolution
for sensitive molecules
(compatible with Precellys® Evolution)



Lysing
kits consumables