



Precellys 24



24x2ml



Precellys 24 Tissue homogenizer

Precellys 24 is an efficient, robust and high throughput homogenizer, capable of simultaneously handling up to 24 samples.

- **High quality:** robust, ergonomic and safe
- **Efficient:** provides powerful 3D bead-beating while maintaining total molecular integrity
- **Flexible:** from soft to hard tissues / from low to high throughput
- **Reproducible:** more than a thousand validated protocols available for users
- ❄️ **Compatible with the only patented and efficient cooling option for sensitive samples**

www.precellys.com

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TECHNOLOGIES

A company of **ENIM** Group



PRECELLYS 24

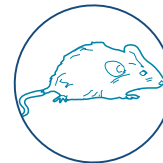
Efficient and robust high-throughput homogenizer

Precellys 24 for high throughput

Grind and homogenize a **wide range of biological samples** with Precellys 24!

Designed for use in **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-of-8 multi-directional motion** gives a high energy level to the beads that grind up to 24 samples together in **just a few seconds**, at speeds ranging from **4000 rpm to 6800 rpm**. Typical homogenization time is thus around 30 seconds. Samples are then ready for analysis using DNA, RNA analysis, PCR, Electrophoresis, Liquid Chromatography, Western Blot...



ANIMAL & HUMAN

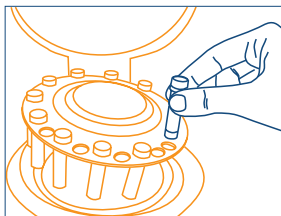


PLANT TISSUES

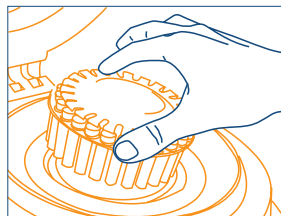


MICRO-ORGANISMS

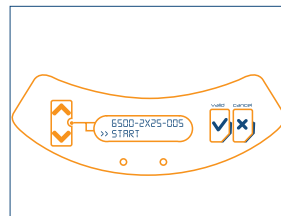
Precellys 24 - Quick User Mode



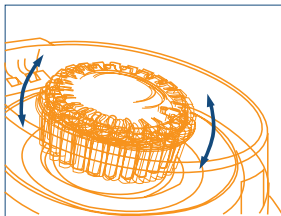
1. Load from one to twenty-four 2ml tubes



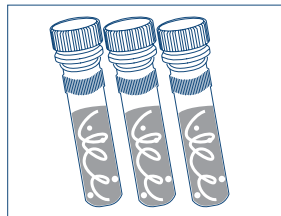
2. Position the patented system for quick and safe blocking



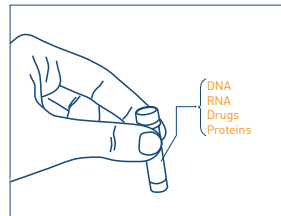
3. Set speed (4000 - 6800 rpm), time and cycle



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



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



6. In around 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 option!

Precellys range

► Discover the other products of the Precellys range



Precellys 24-Dual for flexibility



Cryolys for sensitive samples



Minilyt for personal use



Lysing Kits consumables

Technical specifications

- CAPACITY**
from 1 to 24 tubes of 2ml/0,5ml
- SPEED RANGE**
4000 - 6800 rpm by increment of 100rpm
- PROGRAMS**
5 presets programs
- NUMBER OF CYCLES**
from 1 to 3 cycles
- TIME**
time of use per cycle: from 5s to 90s
pause between cycle: from 5s to 120s
- SIZE**
L: 290mm, W: 375mm, H: 370mm
(600mm with opened lid)
- WEIGHT**
29,8 kg
- NORMS**
CE, FCC part 15
developed to be used in L3 laboratory
- ELECTRICITY**
100 - 230 VAC / 50-60 Hz
power: 1 kVA
- NOISE** < 70dB
- PATENTED TECHNOLOGY**
- CATALOG NUMBER**
03119.200.RD000

1000 protocols available on www.precellys.com

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