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**precellys 24**  
lysis & homogenization

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# Precellys® 24

LYSIS & HOMOGENIZATION AUTOMATED EQUIPMENT



The perfect solution for biological sample preparation to extract nucleic acids (DNA, RNA), proteins

- Up to 24 tubes simultaneously
- Ergonomic loading and cleaning
- Reliability

### Rapid and reliable biological sample lysis

**Precellys® 24** is a benchtop equipment dedicated to the grinding, lysis and homogenization of biological samples. It can simultaneously operate up to 24 tubes containing up to 2 ml sample at very high speed.

**Flexible and easy setting protocol** : buffer and samples are added in 2 ml tubes pre filled with specific beads. Times, speed and number of cycles are defined before run.

**Ergonomic loading and cleaning** : fast and easy loading thanks to the innovative patented *Press'n Block* system. Easy cleaning system with a direct access to the sample holder and compatibility to usual cleaning solutions.

**Efficiency** : Precellys® 24 is a high efficiency solution for grinding difficult samples like spores of bacteria and hard tissues. The high speed and specific motion guarantee an homogeneous and efficient grinding.

**Reliability** : specifically developed and designed to be used in L3 laboratory under high throughput conditions, 50 to 100 runs per day.



Cross contamination free

Up to 24 tubes

Patented Press'n Block



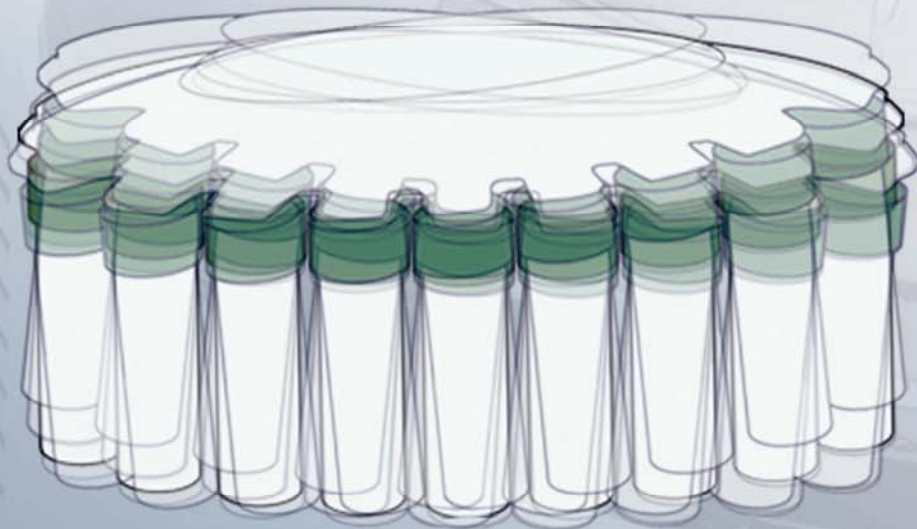
Animal tissues



Vegetal tissues



Micro-organisms



### Ergonomic loading and settings

- Capacity : up to 24 samples per run
- Same kinetic for each tube
- Cross contamination free - single use tube
- Standard tubes of 2ml with ceramic or metal grinding beads references on demand

### Display and control panel

- Run time : 5 - 90 s by 5 s increments
- Rotation speed : 5000 - 7000 rpm by 100 rpm increments
- Number of cycles : 1- 3
- LCD with back light up to 2 lines - for button keyboard



### Technical Specifications

- Patented Automated System for blocking tubes and motion
- FCC Part 15 and CE compliance
- Developed to be used in L3 Laboratory
- Dimensions : 290 (L) x 375 (W) x370 (H) mm
- 600 mm (H open cover)
- Weight : 24 kg
- Universal Power : 100 - 230 VAC / 50 - 60 Hz

