

# 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<sup>®</sup> 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<sup>®</sup> 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.

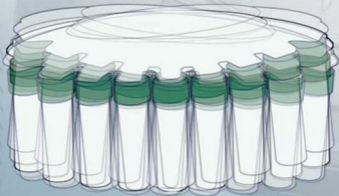
Cross contamination free



Up to 24 tubes



Patented Press'n Block



# Precellys<sup>®</sup>24 : Lysis and homogenization automated equipment



## 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



Animal Tissues



Vegetal Tissues



Micro-organisms





## precellys 24

lysis & homogenization

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