

# PRECELLYS® 24 TOUCH



## Intuitive Tissue Homogenizer

- **Easy to use:** touchscreen and exclusive tube locking system
- **Efficient:** powerful 3D motion, up to 6,800 rpm
- **Reproducible:** validated protocols available online
- **High quality:** robust, ergonomic & safe

# PRECELLYS® 24 TOUCH

## Intuitive Homogenizer

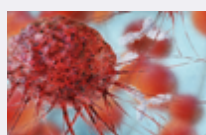


Precellys® 24 Touch is the ideal lab homogenizer to prepare any kind of biological sample, from the softest to the hardest, regardless of its origin (animal tissues, plant tissues, microorganisms...). It can treat up to 24 samples at a time and has been validated on more than 1,500 different samples: from brain, muscle and heart samples, to very hard material such as bones, hair and seeds.

The intuitive touchscreen interface of Precellys® 24 Touch makes it really easy to use. Thanks to its exclusive vacuum-based tube locking system and its specific design, Precellys® 24 Touch is compliant with safety requirements of the harshest lab environments, such as BSL3.

With its powerful 3D movement, Precellys® 24 Touch provides high energy to the beads contained in the tubes, allowing the homogenization of the samples in a few seconds (~30 sec) at speeds ranging from 4500 to 6800 rpm. Samples can then be processed for further analysis amongst a wide variety of techniques dedicated to DNA/RNA (PCR, electrophoresis, NGS, chips, etc), protein (blotting, mass spectrometry, etc.), or metabolites analyses (chromatography, etc.).

## Applications



Cancer research



Agronomy



Forensic



Pharmacology

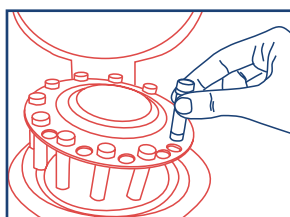


Environment

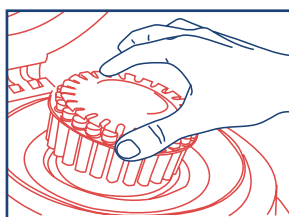


Microbiology

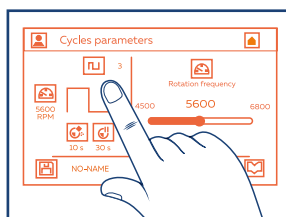
## Precellys® 24 Touch - Quick User Mode



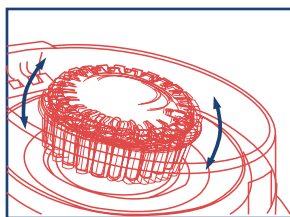
1. Load from one to twenty-four 0,5 or 2ml tubes



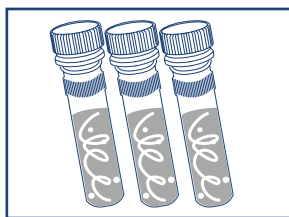
2. Position the patented system for quick and safe locking



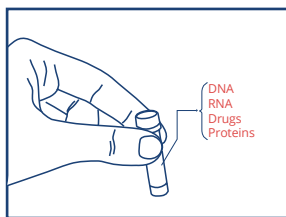
3. Set speed (4,500 - 6,800 rpm), time and cycle



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!



## Technical specifications

### CAPACITY:

1 to 24 tubes of 2 mL  
1 to 24 tubes of 0.5 mL

### SPEED RANGE:

4,500 rpm to 6,800 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: 287 mm, W: 408 mm, H: 390 mm  
(515mm with opened lid)

### WEIGHT: 23 kg

### NORMS: CE, FCC PART 15

### ELECTRICITY:

90 - 250VAC / 50-60 Hz  
Power: 1 kVA

### NOISE: < 70dB

### CATALOG NUMBER:

P002391-P24T0-A.0

## Precellys homogenizers range

Discover the full range of products



**Minilys**  
for occasional use



**Precellys® Evolution**  
the high-end versatile  
homogenizer



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



**Lysing  
kits consumables**