

CRYOLYS® EVOLUTION



Cooling unit for sensitive sample preparation

- **Efficient cooling:** before, during and after processing
- **No need for compressed air and power supply**
- **Accurate temperature** monitored by Precellys® Evolution software
- **Minimal bench space**



CRYOLYS® EVOLUTION

Keep your thermo-sensitive molecules "in shape"!

Monitored low temperature ensures the integrity of specific molecules such as proteins and RNA, giving downstream analysis better efficiency and sensitivity.

Cryolys® Evolution is the only patented integrated cooling unit preventing the increase of temperature during lysing. Based on dry ice sublimation, it enhances the efficiency of molecular extraction, resulting in premium quality analysis, maintaining the desired temperature between 0 and 10°C before and during homogenization.

Thanks to its ingenious design, the Cryolys® Evolution is now a real extension of the Precellys® Evolution homogenizer. Positioned on the unit's lid, the system is powered and managed directly by the Precellys® Evolution software, offering a complete control of the temperature during samples grinding with a limited bench space.

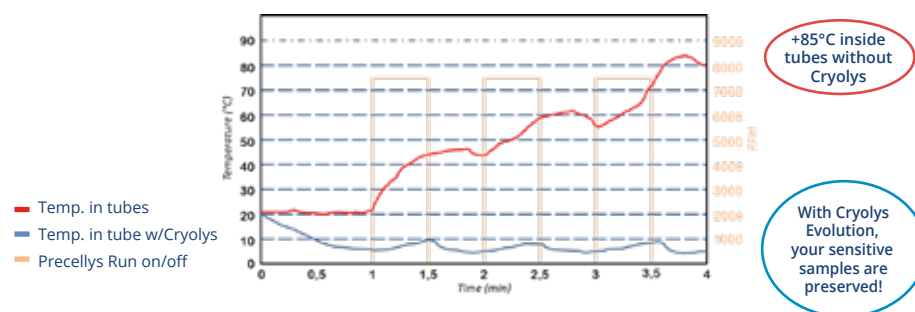
- Achieve higher yield, greater quality and increased functionality
- Protect from enzymatic activities
- Ensure native protein conformation conservation

Cryolys® Evolution - Principle



▶ Tubes temperature profile with Cryolys® Evolution

7500rpm, 3x30s, 30s breaks



Precellys homogenizers range

Discover the full range of products



Precellys® Evolution
Super Homogenizer



Minilyls
for personal use



Precellys® 24
for high throughput



Lysing
kits consumables

Technical specifications

SIZE: L: 335mm, W: 335mm, H: 100mm

WEIGHT:
Full unit: 2,6 kg
Detachable cooling module: 1,3 kg

CAPACITY: 1,5 kg of dry ice

DRY ICE CONSUMPTION:
1,5 kg for 30 min (run time)

NORMS: CE

NOISE: < 60 dB

PATENTED TECHNOLOGY

REQUIREMENT

Unit plugged to a Precellys® Evolution
minimal height over bench: 70cm
minimal depth of the bench: 70cm

CATALOG NUMBER
P000671-CLYS1-A