

# CRYOLYS® EVOLUTION



## Cooling unit for sensitive sample preparation

- **Efficient cooling:** before, during and after processing
- **No need for specific air pressure or 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 integrity for specifically targeted molecules like proteins and RNA, giving downstream applications better efficiency/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.

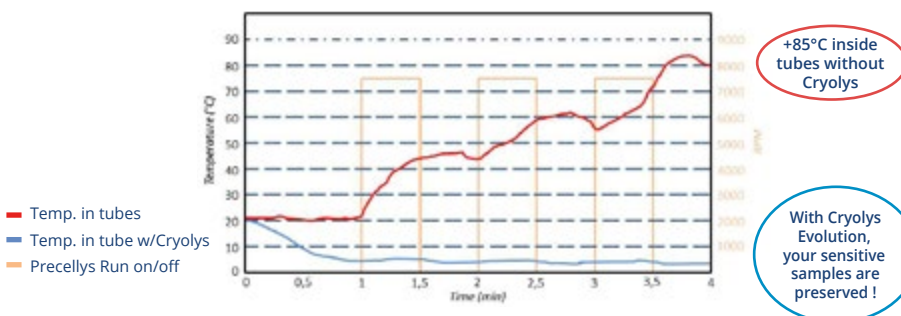
- Achieve higher yield, greater quality and increased functionality
- Protect from enzymatic activities
- Ensure native protein conformation conservation

## Cryolys® Evolution - Principle



### ▶ Tubes temperature profile with Cryolys® Evolution

7500rpm, 3x30s, 30s breaks



## 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  
EQ05648-300-RD001.0

## Precellys homogenizers range

Discover the full range of products



**Precellys® Evolution**  
Super Homogenizer



**Minilys**  
for personal use



**Precellys® 24**  
for high throughput



**Lysing kits consumables**