

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**.

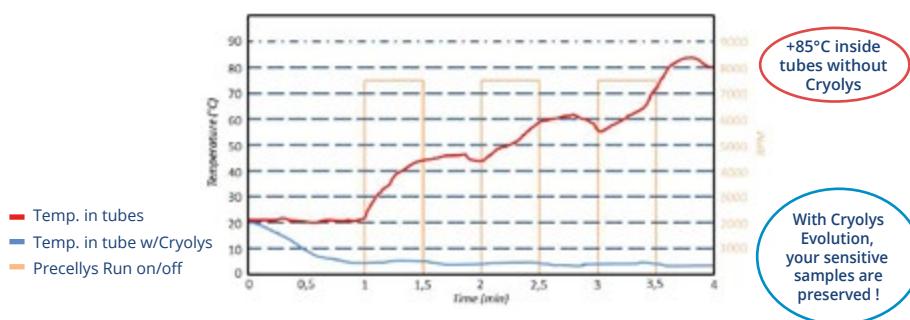
- Achieve higher yield, greater quality and increased functionality
- Protect from enzymatic activities
- Ensure native protein conformation conservation

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