



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



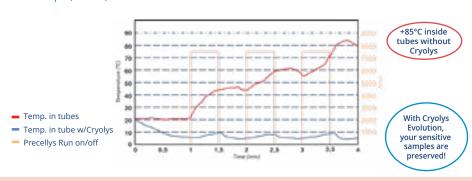




3. Cold air is then sprayed into the Precellys lid to maintain the thermosensitive molecules in their original state.

► Tubes temperature profile with Cryolys® Evolution

7500rpm, 3x30s, 30s breaks



Precellys homogenizers range

Discover the full range of products











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 heigh over bench: 70cm minimal depth of the bench: 70cm

CATALOG NUMBER P000671-CLYS2-A