

# fluidX<sup>®</sup> FluidX CoolBox

## CoolBox Systems

Benchtop cooling workstations that provide sample cooling or freezing without ice, electricity or batteries!

CoolBox XT system can be used with either tubes and plates. It is ideal for cooling cryoprotectants and thawing, and is suitable for use in hoods and cGMP areas.

Use with internal cooling core to provide cooling of samples for up to 16 hours at 0 to 4°C with lid closed, (or up to 10 hours with lid open).

The CoolBox XT system is capable of keeping samples below 0°C for up to 5 hours, with lid open.

Can be used with dry ice to create a compact, portable, snap-freezing workstation for bacteria, virus or proteins.



## CoolRack

All samples kept at <math><4^{\circ}\text{C}</math> and uniform in temperature. Samples are organised, secure and dry.

All tubes are upright and indexed.

Reproducible method.

Thermo conductive metal alloy tube modules eliminate inconsistencies which occur when inserting tubes directly into ice, dry ice, alcohol baths, water baths or other common laboratory temperature sources.

Place the CoolRack module directly onto a temperature source and it will rapidly adapt to that temperature from

CoolRack modules ensure  $\pm 0.1^{\circ}\text{C}$  temperature uniformity of all tubes when cooling, (snap) freezing or heating/thawing.

Use for a variety of applications including cooling reagents such as restriction enzymes, dNTPs, antibodies, alcohol-free dry ice snap-freezing of tissue, virus and bacteria samples, and many others.

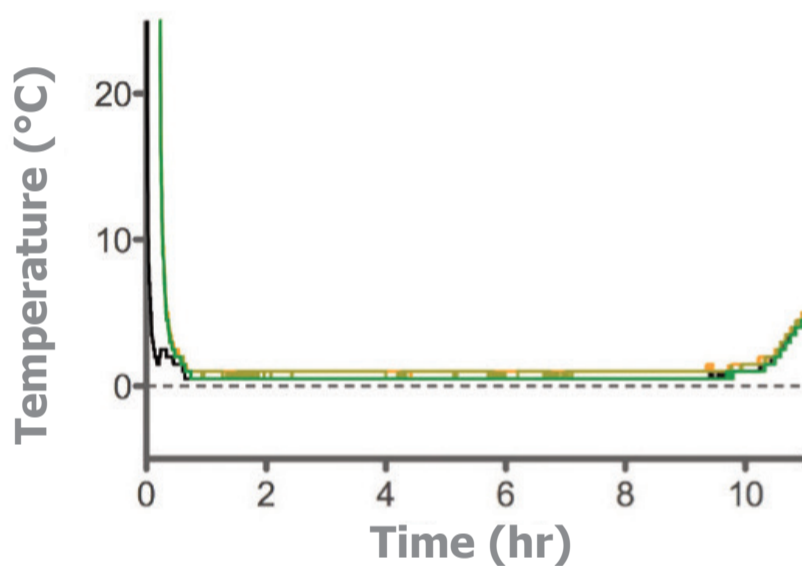
All CoolRack modules can be autoclaved, high heat sterilised or decontaminated with bleach, alcohol, or other disinfectant or lab detergent.

## CoolCell LX

- Container for 1ml or 2ml cryo tubes
- Radially-symmetric design for uniform freezing of 12 tubes
- Numbered wells for easy sample identification
- Beveled lid for secure gripping and easy opening
- Exposed vial tops when lid is open for quick organised removal of frozen samples



## Duration Test: Open Lid



## How it Works

Each CoolBox system consists of a base, cooling cartridge/core and lid. CoolBox XT workstations also include a magnetised collar and a 1 to 8°C temperature indicator for visual assurance.

Each CoolBox is designed to receive thermo-conductive sample modules that sit directly on the cartridge/core keeping samples at desired temperature for hours. The cartridge/core is pre-frozen in

