

Benchmark

OPERATING INSTRUCTIONS (R1000)

CoolCube™ Benchtop Cooler

Before using your CoolCube for the first time, it should be pre-frozen in a freezer (-8° to -25°C) for a minimum of 24 hours.

- *Between uses, store the CoolCube in a freezer for a minimum of 12 hours. The freezer temperature should be between -8°C and -25°C.*
- *Never store the CoolCube in temperature environments that are below -25°C.*
- *Remove the CoolCube from the freezer and allow 15 to 30 minutes for equilibration.*
- *Place tubes or plate in the appropriate cavities; temperature will be maintained for up to 4 hours.*
- *Maintenance: Once a month, allow your CoolCube to thaw completely for a minimum of 24 hours.*
- *To verify performance, place a pre-chilled microcentrifuge tube filled with cold (-20°C) 50% ethanol into a tube cavity. Allow ten minutes for equilibration and then measure the temperature in the tube with a lab thermometer pre-cooled to -20°C.*
- **DO NOT autoclave! DO NOT steam sterilize! DO NOT subject to temperatures above 50°C!**



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