

Benchmark

OPERATING INSTRUCTIONS (R1000)

Coo/Cube Benchtop Cooler

Before using your Coo/Cube 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 Coo/Cube in a freezer for a minimum of 12 hours. The freezer temperature should be between -8°C and -25°C .
- Never store the Coo/Cube in temperature environments that are below -25°C .
- Remove the Coo/Cube 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 Coo/Cube 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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DECLARATION OF CONFORMITY

Benchmark Scientific, Inc. hereby declares that the device(s) described below are in conformity with the documented specifications. In the event of unauthorized modification of any of the devices listed below, this declaration becomes invalid.

Device Name: Benchmark CoolCube™ Benchtop Cooler

Device Model Number(s): R1000

Dimensions: 14.3 x 14.3 x 6.4 cm
5.6 x 5.6 x 2.5 in.

Accepted Vessels: 1.5ml microtubes
2.0ml microtubes
0.2ml microtubes
0.2ml PCR strips
96 place PCR plates

Manufacturer's Name: Benchmark Scientific, Inc.
PO Box 709
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Marketing Manager