



Cooling racks

Cooling system FreezeBox

ROTH SELECTION.

Simple system for cooling samples or for rapid freezing, defrosting and heating. Cooling box, cooling block or cryoblock and cooling module are the perfect combination.



NEW / +

Directions for use

Pre-cool the cooling or cryo block at $-20/-80\text{ }^{\circ}\text{C}$ and keep samples cool in the cooling box for several hours on the laboratory bench. Alternatively, the cooling box can be filled with approx. 200 g of dry ice. The cooling module itself does not require any pre-cooling. Do not keep the cooling box in the freezer.

Standard

Pre-cool the cooling block for at least four hours at $-20\text{ }^{\circ}\text{C}$ or at least two hours at $-80\text{ }^{\circ}\text{C}$. Duration of use: Four hours (open lid) or six hours (closed lid).

Operating temperature approx. $+0.5$ to $+4\text{ }^{\circ}\text{C}$.

Delivery incl. cooling box, cooling block and cooling module.

Suitable for	No. of slots	Ø Hole (mm)	Length (mm)	Width (mm)	Height (mm)	Art. No.	Pack Qty.	€
1.5 ml reaction vials	48	11	170	152	123	1L09.1	1 unit(s)	252,65
2 ml cryogenic vials	30	12.6	170	152	123	1L08.1	1 unit(s)	252,65
5 ml cryogenic vials	30	13.5	170	152	123	1L0A.1	1 unit(s)	252,65
0.2 ml PCR vessels	96	0.7	170	152	123	1L0C.1	1 unit(s)	263,40

Cryogenic

Pre-cool the cryoblock for at least six hours at $-20\text{ }^{\circ}\text{C}$ or at least three hours at $-80\text{ }^{\circ}\text{C}$. Duration of use: Three hours (open lid) or five hours (closed lid).

Operating temperature approx. -18 to $+4\text{ }^{\circ}\text{C}$.

Delivery incl. cooling box, cryoblock and cooling module.

Suitable for	No. of slots	Ø Hole (mm)	Length (mm)	Width (mm)	Height (mm)	Art. No.	Pack Qty.	€
1.5 ml reaction vials	48	11	170	152	123	1L05.1	1 unit(s)	252,65
2 ml cryogenic vials	30	12.6	170	152	123	1L04.1	1 unit(s)	252,65
5 ml cryogenic vials	30	13.5	170	152	123	1L06.1	1 unit(s)	252,65
0.2 ml PCR vessels	96	0.7	170	152	123	1L07.1	1 unit(s)	263,40

Cryo-freezing container Mr. Frosty

Nalgene. Material: PC, lid and tube holder made of HDPE. With foam rubber insert.

Easy to use: Only 100% isopropyl alcohol and a freezer are required. For reproducible, repeated cooling of samples at approx. $-1\text{ }^{\circ}\text{C}/\text{min}$. Optimum cellular yield after storage at low temperatures.

The tube holder prevents direct contact between the tubes and the alcohol; any marking on the tubes remains readable. The tube holder can be used as a floating stand for thawing samples in the water bath.



Suitable for	No. of slots	Ø ext. (mm)	Outer height (mm)	Art. No.	Pack Qty.	€
1–2 ml cryogenic vials	18	120	86	AC96.1	1 unit(s)	142,05