

① **Polypropylene cryovials with PE-HD screw caps**

(Interlock system for closing with one hand when used with cryovial rack) for gas phase low temperature storage. Smooth inner surface, sterilized with gamma radiation, non-cytotoxic, pyrogen-free, CE certified.

Outer thread minimizes the risk of contamination.

Volume ml	Ø mm	Height mm	Order No.	PU pc/Pack
1.2	13.5	38.1	23 87 50001	25
2.0	13.5	48.3	23 87 50002	25
5.0	13.5	92.0	23 87 50003	10

❗ Available only in original packaging units. No fractions possible.

Also available with barcode 128!

② **Color coding for cryovials**

For fast and simple identification of the vial. Makes it easier to find specific samples. Easy to remove with a pincette.

Colour	Order No.	PU pc/Pack	Colour	Order No.	PU pc/Pack
white	23 87 50451	100	green	23 87 50454	100
yellow	23 87 50452	100	red	23 87 50455	100
blue	23 87 50453	100			

❗ Available only in original packaging units. No fractions possible.

③ **White polycarbonate cryovial rack**

for cryovials described above. (all sizes) with interlock system for closing with one hand.

Article	Order No.
Cryovial rack for 50 vials (5 × 10)	23 87 50301

④ **White polycarbonate cryoboxes**

for cryovials described above. Alpha / numeric code at grid insert and on cover (can only be mounted in one direction) prevent mixing up of samples. Sturdier and more durable than cardboard boxes. Fit Nalgene stainless steel racks. Autoclavable, withstand temperatures from -196 to +121°C.

Qty cprmnts	Tubes ml	L × W × H cm	Order No.	PU pc/Pack
5 × 5	1.2/2.0	76 × 76 × 51	23 87 50250	8
9 × 9	1.2/2.0	133 × 133 × 51	23 87 50260	4
9 × 9	5.0	133 × 133 × 95	23 87 50270	4

❗ Available only in original packaging units. No fractions possible.

Cryoboxes also in coloured available!

⑤ **Cryo-SYSTEM 100™**

The Cryo-SYSTEM 100™ contains a 10 by 10 Cryobox with matching 1.0-ml or 1.5-ml cryovials and cryovial rack.

The 10 by 10 box with grid partition and number code offers 23% more storage capacity in the same space compared to the conventional Cryobox.

A silicone seal makes SYSTEM 100™ cryovials suitable for use in centrifuges up to 8000 xg.

External threads and gamma sterilization minimize contamination risk. Graduated microtubes with large text field, lock into place in the cryovial rack so that they can be opened and closed with one hand. Non-cytotoxic, pyrogenic-free, CE certified.

Article	Order No.	PU pc/Pack
Cryo SYSTEM 100™ cryobox/PC, 10 × 10 positions	23 87 51010	1
Cryo SYSTEM 100™ cryovial/PP, 1.0 ml	23 87 51012	25
Cryo SYSTEM 100™ cryovial/PP, 1.5 ml	23 87 51020	25
Cryo SYSTEM 100™ cryovial rack/PC	23 87 50505	1

for 25 positions, suitable for all cryovials (5×5 displaced)

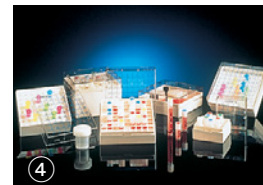
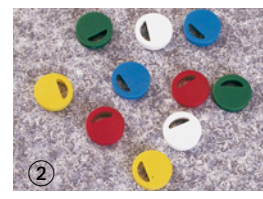
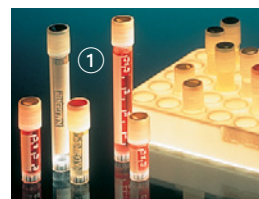
❗ Available only in original packaging units. No fractions possible.

Also available with barcode 128!

⑥ **Cryo-Cane™**

Article	Order No.	PU pc/Pack
Aluminium clips for 5 × 1.0, 1.2 or 2.0 ml cryovial	23 87 50150	12
Aluminium clips for 6 × 1.0, 1.2, 2.0 or 5.0 ml cryovial	23 87 50151	12

❗ Available only in original packaging units. No fractions possible.



Cryo-Sleeve™

Article	Order No.	PU pc/Pack
Guard tube made of polyvinylchloride for aluminium clips	23 87 50160	100

❗ Available only in original packaging units. No fractions possible.

⑦ Cryobox racks

Sturdy stainless steel racks for the fast and easy removal of cryoboxes. Retaining device prevents boxes from falling out.

W x H x D mm	for qty cryo boxes	Version	Order No.
83 x 84 x 225	4 (5 x 5 boxes)	vertical	23 87 50351
83 x 84 x 502	9 (5 x 5 boxes)	vertical	23 87 50352
140 x 143 x 225	4 (2 ml boxes)	vertical	23 87 50361
140 x 143 x 502	9 (2 ml boxes)	vertical	23 87 50362
140 x 143 x 406	4 (5 ml boxes or "Mr. Frosty")	vertical	23 87 50372
140 x 143 x 705	7 (5 ml boxes or "Mr. Frosty")	vertical	23 87 50373
225 x 143 x 445	12 (4 x 3) 2 ml boxes	horizontal	23 87 50381
225 x 143 x 590	16 (4 x 4) 2 ml boxes	horizontal	23 87 50382



⑧ Cloth labels

Will not shrink when using liquid nitrogen, peel off again without trace, for use on plastic and cardboard.

Label size (H x L): 25 x 50 mm

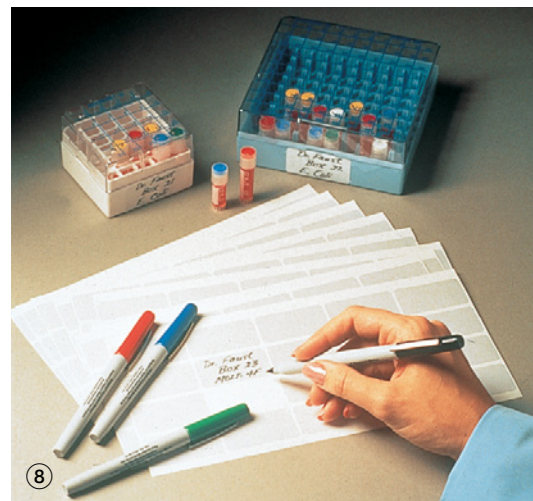
Article	Order No.	PU pc/Pack
Labels without marking area	23 87 50401	200

❗ Available only in original packaging units. No fractions possible.

Non-fade marker set

Markers with extra fine tip for permanent markings. Smudge-proof even at low temperatures. Inscriptions are water-proof (remove with alcohol). Set of 4 markers in red, blue, green and black (one of each color).

Article	Order No.	PU pc/Set
Non-fade marker set	23 87 50409	4
Non-fade marker, black	10 87 30020	4



⑨ Cryoboxes made of polycarbonate

With transparent lid, autoclavable, temperature-resistant from -196 to +121°C.

Outer dimensions (L x W x H): 133 x 133 x 51 mm

Article	Order No.	PU pc/Pack
Cryobox without insert for large vessels	23 87 50501	4
Cryobox with insert made of polyurethane foam for 64 x 1.5-ml reaction vessels	23 87 50550	4
Cryobox with insert made of polyurethane foam for 81 x 0.5-ml reaction vessels	23 87 50551	4
Cryobox with insert made of polyurethane foam for 81 x 0.2-ml reaction vessels	23 87 50552	4

❗ Available only in original packaging units. No fractions possible.

Caution: Cryo boxes **with** insert, are not suitable for storing directly in liquid nitrogen, but for subsequent gas phase!

