

Freezer racks



· stainless steel horizontal racks with drawers

· storage of microtiter plates

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T&M Vertrieb OHG

Founded in 2005 we are your reliable and competent partner for all questions concerning laboratory sample storage.

No matter what type of samples you need to store in your refrigerator, upright or chest freezer, we will help you find the perfect solution for sample storage.

In our production plant in Alt-Mölln (a city in northern Germany, not far from Hamburg and Lübeck), we manufacture stainless steel sample storage systems according to the highest quality standards. Whether you need chest or horizontal racks, shelf drawers, cardboard or polypropylene storage boxes:

Most of our products can be delivered within 1 to 2 weeks, some are even immediately available from stock.

Thus we can always guarantee a very short delivery period.

On the following pages you will find an overview of our product range. If you aren't able to find the required rack in our catalogue, please contact us.

We also manufacture custom racks and boxes at a reasonable price and deliver them promptly.

We will be pleased to advise you.

Best regards

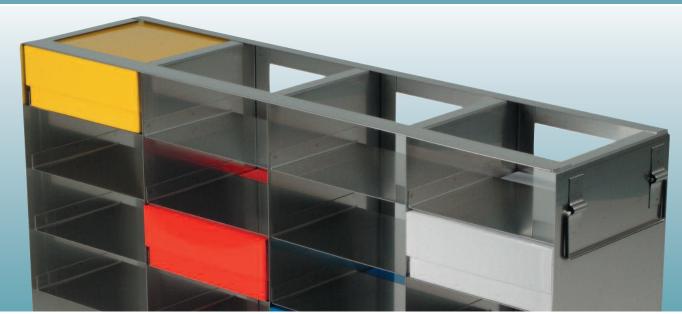
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1. Storage boxes and grid dividers (Cardboard)

Our storage boxes

are made of waterproof and low-temperature resistant cardboard. Each box is available in two different designs:

- standard version
- coated version

In comparison to the standard boxes, the coated versions are additionally covered with water-repellent plastic.

The cardboard boxes have the following outer dimensions (lid):

Type A storage boxes = 136 x 136 mm Type B storage boxes = 133 x 133 mm

Both types are available in different heights and with dividers. You will find a variety of matching cardboard dividers on the following pages.

Type C boxes

are designed for the storage of 15ml or 50ml tubes and already include a fitting grid divider .

All storage boxes are available in 5 different colors:

white (W) blue (B) yellow (Y) green (G) red (R)

Custom boxes

are everyday business for us. Both cardboard storage boxes and grid dividers can be made per your special request.

Please contact us and we will send you our quotation.

Structure of Item numbers (example: KA501-W)

K = product group (K=boxes)

A = type of box (here: A = 136x136mm) 50 = inner height of box (here 50mm)

1 = version (1 = standard / 2 = coated)

W = color (w = white)

Structure of Item numbers (example: RB81-30)

R = product group (R = dividers)

B = type of box (here: B = 133x133mm)

81 = number of compartments in grid divider (here: 9x9 = 81)

30 = height of grid divider







1.1 Type A storage boxes — 136 x 136mm

Inner box	Color	Item		Inner box	Color	Item	
height		number		height		number	
25 mm	and the	KA054 W		32 mm		144004 144	
23 111111	white	KA251-W		32 111111	white	KA321-W	
	white, coated	KA252-W			white, coated	KA322-W	
	bue	KA251-B			bue	KA321-B	
	blue, coated	KA252-B			blue, coated	KA322-B	
	yellow	KA251-Y			yellow	KA321-Y	
	yellow, coated	KA252-Y			yellow, coated	KA322-Y	
	green	KA251-G			green	KA321-G	
	green, coated	KA252-G			green, coated	KA322-G	
	red	KA251-R			red	KA321-R	
	red, coated	KA252-R			red, coated	KA322-R	
50 mm	white	KA501-W		75 mm	white	KA751-W	
	white, coated	KA502-W			white, coated	KA752-W	
	blue	KA501-B			blue	KA751-B	
	blue, coated	KA502-B			blue, coated	KA752-B	
	yellow	KA501-Y			yellow	KA751-Y	
	yellow, coated	KA502-Y			yellow, coated	KA752-Y	
	green	KA501-G			green	KA751-G	
	green, coated	KA502-G			green, coated	KA752-G	
	red	KA501-R			red	KA751-R	
	red, coated	KA502-R			red, coated	KA752-R	
100 mm				120mm			
100 mm	white	KA1001-W		130mm	white	KA1301-W	
	white, coated	KA1002-W			white, coated	KA1302-W	
	blue	KA1001-B			blue	KA1301-B	
	blue, coated	KA1002-B			blue, coated	KA1302-B	
	yellow	KA1001-Y			yellow	KA1301-Y	
	yellow, coated	KA1002-Y			yellow, coated	KA1302-Y	
	green	KA1001-G			green	KA1301-G	
	green, coated	KA1002-G			green, coated	KA1302-G	
	red	KA1001-R			red	KA1301-R	
	red, coated	KA1002-R			red, coated	KA1302-R	





1.2 Grid dividers for type A storage boxes



Divider hight	Compart- ment number	Ø of tubes	Item number	
25 mm	14 x 14 13 x 13 12 x 12 10 x 10 9 x 9 8 x 8 7 x 7 6 x 6 5 x 5 4 x 4	8.0 9.0 10.0 12.5 13.5 15.0 17.0 21.0 24.0 31.0	RA196-25 RA169-25 RA144-25 RA100-25 RA81-25 RA64-25 RA49-25 RA36-25 RA25-25 RA16-25	

40 mm	14 x 14	8.0	RA196-40	
	13 x 13	9.0	RA169-40	
	12 x 12	10.0	RA144-40	
	10 x 10	12.5	RA100-40	
	9 x 9	13.5	RA81-40	
	8 x 8	15.0	RA64-40	
	7 x 7	17.0	RA49-40	
	6 x 6	21.0	RA36-40	
	5 x 5	24.0	RA25-40	
	4 x 4	31.0	RA16-40	

Divider hight	Compart- ment number	Ø of tubes	Item number	
30 mm	14 x 14 13 x 13 12 x 12 10 x 10 9 x 9 8 x 8 7 x 7 6 x 6	8.0 9.0 10.0 12.5 13.5 15.0 17.0 21.0	RA196-30 RA169-30 RA144-30 RA100-30 RA81-30 RA64-30 RA49-30	
	5 x 5 4 x 4	24.0 31.0	RA25-30 RA16-30	

65 mm	14 x 14	8.0	RA196-65	
00	13 x 13	9.0	RA169-65	
	12 x 12	10.0	RA144-65	
	10 x 10	12.5	RA100-65	
	9 x 9	13.5	RA81-65	
	8 x 8	15.0	RA64-65	
	7 x 7	17.0	RA49-65	
	6 x 6	21.0	RA36-65	
	5 x 5	24.0	RA25-65	
	4 x 4	31.0	RA16-65	







Stainless steel racks for these boxes:

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1.3 Type B storage boxes – 133 x 133mm

Inner box height	Color	Item number		Inner box height	Color	Item number	
25 mm	white white, coated bue blue, coated yellow yellow, coated green green, coated red	KB251-W KB252-W KB251-B KB252-B KB251-Y KB252-Y KB251-G KB251-G KB251-R		32 mm	white white, coated bue blue, coated yellow yellow, coated green green, coated red	KB321-W KB322-W KB321-B KB322-B KB321-Y KB322-Y KB321-G KB322-G KB321-R	
	red, coated	KB252-R			red, coated	KB322-R	
50 mm	white white, coated blue blue, coated yellow yellow, coated green green, coated red red, coated	KB501-W KB502-W KB501-B KB502-B KB501-Y KB501-Y KB501-G KB501-G KB502-G		75 mm	white white, coated blue blue, coated yellow yellow, coated green green, coated red red, coated	KB751-W KB752-W KB751-B KB752-B KB751-Y KB752-Y KB751-G KB752-G KB751-R KB752-R	
100 mm	white white, coated blue blue, coated yellow yellow, coated green green, coated red red, coated	KB1001-W KB1002-W KB1001-B KB1002-B KB1001-Y KB1002-Y KB1001-G KB1002-G KB1001-R KB1002-R		130mm	white white, coated blue blue, coated yellow yellow, coated green green, coated red red, coated	KB1301-W KB1302-W KB1301-B KB1302-B KB1301-Y KB1302-Y KB1301-G KB1302-G KB1301-R KB1302-R	





1.4 Grid dividers for type B storage boxes



Divider hight	Compart- ment number	Ø of tubes	Item number	, and the second
25 mm	14 x 14	7.0	RB196-25	
	13 x 13	8.0	RB169-25	
	12 x 12	9.0	RB144-25	
	10 x 10	12.0	RB100-25	
	9 x 9	13.0	RB81-25	
	8 x 8	14.0	RB64-25	
	7 x 7	16.0	RB49-25	
	6 x 6	19.0	RB36-25	
	5 x 5	23.0	RB25-25	
	4 x 4	30.0	RB16-25	

40 mm 14 x 14 7.0 RB196-40 13 x 13 8.0 RB169-40 12 x 12 9.0 RB144-40 10 x 10 12.0 RB100-40 9 x 9 13.0 RB81-40 8 x 8 14.0 RB64-40 7 x 7 16.0 RB49-40 6 x 6 19.0 RB36-40 5 x 5 23.0 RB25-40					
12 x 12 9.0 RB144-40 10 x 10 12.0 RB100-40 9 x 9 13.0 RB81-40 8 x 8 14.0 RB64-40 7 x 7 16.0 RB49-40 6 x 6 19.0 RB36-40	40 mm	14 x 14	7.0	RB196-40	
10 x 10 12.0 RB100-40 9 x 9 13.0 RB81-40 8 x 8 14.0 RB64-40 7 x 7 16.0 RB49-40 6 x 6 19.0 RB36-40		13 x 13	8.0	RB169-40	
9 x 9 13.0 RB81-40 8 x 8 14.0 RB64-40 7 x 7 16.0 RB49-40 6 x 6 19.0 RB36-40		12 x 12	9.0	RB144-40	
8 x 8 14.0 RB64-40 7 x 7 16.0 RB49-40 6 x 6 19.0 RB36-40		10 x 10	12.0	RB100-40	
7 x 7 16.0 RB49-40 6 x 6 19.0 RB36-40		9 x 9	13.0	RB81-40	
6 x 6 19.0 RB36-40		8 x 8	14.0	RB64-40	
		7 x 7	16.0	RB49-40	
5 x 5 23.0 RB25-40		6 x 6	19.0	RB36-40	
		5 x 5	23.0	RB25-40	
4 x 4 30.0 RB16-40		4 x 4	30.0	RB16-40	

Divider hight	Compart- ment number	Ø of tubes	Item number	
30 mm	14 x 14 13 x 13 12 x 12 10 x 10 9 x 9 8 x 8	7.0 8.0 9.0 12.0 13.0	RB196-30 RB169-30 RB144-30 RB100-30 RB81-30 RB64-30	
	7 x 7 6 x 6 5 x 5 4 x 4	16.0 19.0 23.0 30.0	RB49-30 RB36-30 RB25-30 RB16-30	

0=				
65 mm	14 x 14	7.0	RB196-65	
	13 x 13	8.0	RB169-65	
	12 x 12	9.0	RB144-65	
	10 x 10	12.0	RB100-65	
	9 x 9	13.0	RB81-65	
	8 x 8	14.0	RB64-65	
	7 x 7	16.0	RB49-65	
	6 x 6	19.0	RB36-65	
	5 x 5	23.0	RB25-65	
	4 x 4	30.0	RB16-65	







Stainless steel racks for these boxes:

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1.5 Type C storage boxes — 15ml tubes



Divider	Color	Item no.	Р
122 x 122 x 128 mm G Outer dimension X G	white white, coated blue blue, coated yellow yellow, coated green green, coated red red, coated	KC551-W KC552-W KC551-B KC552-B KC551-Y KC552-Y KC551-G KC551-G KC551-R KC552-R	
122 x 240 x 128 mm	white white, coated blue blue, coated yellow yellow, coated green green, coated red red, coated	KC5101-W KC5102-W KC5101-B KC5102-B KC5101-Y KC5102-Y KC5101-G KC5102-G KC5101-R KC5102-R	

Divider	Color	Item no.	
148 x 148 x 128 mm 99 Outer dimension x 9	white white, coated blue blue, coated yellow yellow, coated green green, coated red red, coated	KC661-W KC662-W KC661-B KC662-B KC661-Y KC662-Y KC661-G KC662-G KC661-R	
9 mm 82 x 128 mm Outer dimension x 12	white white, coated blue blue, coated yellow yellow, coated green green, coated red red, coated	KC6121-W KC6122-W KC6121-B KC6122-B KC6121-Y KC6122-Y KC6121-G KC6122-G KC6121-R KC6122-R	



1.6 Type C storage boxes — 50ml tubes

Divider	Color	Item no.	
122 x 122 x 128 mm C Outer dimension X X	white white, coated blue blue, coated yellow yellow, coated green green, coated red	KC331-W KC332-W KC331-B KC332-B KC331-Y KC332-Y KC331-G KC331-G	
	red, coated	KC332-R	
3 x 6	white white, coated	KC361-W KC362-W	
128 mi	blue, coated	KC361-B KC362-B	
122 x 240 x 128 mm Outer dimension	yellow yellow, coated	KC361-Y KC362-Y	
	green, coated red	KC361-G KC362-G KC361-R	
	red, coated	KC362-R	

Divider	Color	Item no.	
148 x 148 x 128 mm b Outer dimension X	white white, coated blue blue, coated yellow yellow, coated grün grün, coated rot rot, coated	KC441-W KC442-W KC441-B KC442-B KC441-Y KC442-Y KC442-G KC441-G KC442-G KC441-R	
	,		
148 x 291 x 128 mm P Outer dimension 8 x 8	white white, coated blue blue, coated yellow yellow, coated green reen, coated rot red, coated	KC481-W KC482-W KC481-B KC482-B KC481-Y KC482-Y KC481-G KC482-G KC482-R	









Stainless steel racks for these boxes:

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1.7 Type KA storage boxes – long box including a 10x20 divider

This box has an outer dimension of 136x 268x53mm and is equipped with a grid divider holding 10x20 sample tubes. This box is available in a standard or coated version.

Box measure	Color	Item no.	
136 x 268 x 53 mm	white white, coated blue blue, coated yellow yellow, coated green green, coated red red, coated	KA501-LW KA502-LW KA501-LB KA502-LB KA501-LY KA502-LY KA501-LG KA501-LG KA502-LG	



1.8. Type KM storage boxes

These cardboard boxes have an outer dimension of 140x140x53mm and are a little bigger than the standard type A box. A 10x10 grid divider is already included. This box is also available as a long version with an outer dimension of 140x276 x53mm, including a 10x20 divider. Thus this box is perfectly suitable for storing 200 (cryo) tubes of up to 2ml.



Box measure	Color	Item no.	
Box measure 140 ×	white white, coated blue blue, coated yellow yellow, coated	KM501-W KM502-W KM501-B KM502-B KM501-Y KM502-Y	
140)	green	KM501-G	
	green, coated	KM502-G KM501-R	
	red, coated	KM502-R	

Box measure	Color	Item no.	
140 x276 x 53 mm 8276 x 53 mm 8276 x 53 mm	white white, coated blue blue, coated yellow yellow, coated green green, coated	KM501-LW KM502-LW KM501-LB KM501-LY KM501-LY KM502-LY KM501-LG	
	red	KM501-LR	
	red, coated	KM502-LR	



1.9 Type P storage boxes – made of polypropylene (PP) 133 x 133 x 53mm



TYPE P STORAGE BOX – STANDARD LID

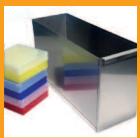
Box measure	Color	Item no.	
133 x 133 x 53 mm	white blue	KP581-N KP581-B	
c 133 x	yellow	KP581-Y	
133 >	red	KP581-G KP581-R	

TYPE P STORAGE BOX - NUMERIC CODING LID

Box measure	Color	Item no.	
133 x 133 x 53 mm	white	KPC581-N	
×	blue	KPC581-B	
133	yellow	KPC581-Y	
×	green	KPC581-G	
133	red	KPC581-R	







Stainless steel racks for these boxes:

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2. Vertical racks (for chest freezers)

With our light but stable stainless steel storage systems, you can perfectly equip your refrigerator or freezer and thus have a clear structure for storing a variety of samples.

Vertical racks

For sample storage in chest freezers we offer you our vertical racks. They come with a folding handle on the top and, if requested, they are also available with an additional locking edge or rod.

Custom racks

can be delivered fast and at a competitive price. Should you be looking for a storage system that is not in our catalogue,



please send us your enquiry. Please include the outer dimensions of the boxes you need to store and the model of the freezer you use. We will contact you and send our quotation promptly.

Identification

To simplify finding a rack inside the chest freezer, we offer low-cost numeric rack labelling. The numbering is laser cut into a small stainless steel plate (50x40mm). The lasered numbering is still easily visible, in contrast to an engraved or a sticker number, when the racks are old and well-used.

If you need help finding the perfect vertical rack, please contact us. We will be pleased to help.





Structure of Item numbers (example TA5011)

T = product group (T = vertical racks)

B = box type (here: B = 133x133mm)

50 = inner height of box (here: 50mm)

11 = number of compartments (above each other)





2.1 Vertical racks for storage boxes Type A - 136 x 136mm Type B + P - 133 x 133mm

Box	Com-	For ty	ype A boxes		Fo	r type B + P boxes
hight (mm)	part- ments*	Item no.	Dimensions in mm (WxDxH)		Item no.	Dimensions in mm (WxDxH)
50	4	TA5004	141x141x226	TB50	138	5:(138x226
00	5	TA5004	141x141x281	TB50		3:(138x281
	6	TA5006	141x141x336	TB50		3:(138x336
	7	TA5007	141x141x391	TB50		3:(138x391
	8	TA5008	141x141x446	TB50		3(138x446
	9	TA5009	141x141x501	TB50		3:(138x501
	10	TA5010	141x141x556	TB50		c(138x556
	11	TA5011	141x141x611	TB50	11 138	2:(138x611
	12	TA5012	141x141x666	TB50	138	3:(138x666
	13	TA5013	141x141x721	TB50	138	3:(138x721
	14	TA5014	141x141x776	TB50	138	3:(138x776
75						
75	4	TA7504	141x141x326	TB75		x:138x326
	5	TA7505	141x141x406	TB75		3:c138x406
	6	TA7506	141x141x486	TB75		3:(138x486
	7	TA7507	141x141x566	TB75		3:c138x566
	8	TA7508	141x141x646	TB75		3:c138x646
	9	TA7509	141x141x726	TB75		3:c138x726
	10	TA7510	141x141x806	TB75	138	3:c138x806
100	3	TA10003	141x141x321	TB10	0003 138	3:c138x321
	4	TA10004	141x141x426	TB10	0004 138	c(138x426
	5	TA10005	141x141x531	TB10		x(138x531
	6	TA10006	141x141x636	TB10		::(138x636
	7	TA10007	141x141x741	TB10		3::138x741
100						
130	3	TA13003	141x141x411	TB13		c138x411
	4	TA13004	141x141x546	TB13		x:(138x546
	5	TA13005	141x141x681	TB13	3005 138	2:c138x681

^{*} boxes above each other



2.2 Vertical racks for storage boxes type C

Box type	Compart- ments	Item no.	Dimensions in mm (WxDxH)	
KC33 /	2	TC3302	127x127x266	
KC55	3	TC3303	127x127x396	
	4	TC3304	127x127x526	
	5	TC3305	127x127x656	
	6	TC3306	127x127x786	

Box type	Compart- ments	Item no.	Dimensions in mm (WxDxH)	
KC36 /	0	T00000	107045000	
NG30 /	2	TC3602	127x245x266	
KC510	3	TC3603	127x245x396	
	4	TC3604	127x245x526	
	5	TC3605	127x245x656	
	6	TC3606	127x245x786	

Box type	Compart- ments	Item no.	Dimensions in mm (WxDxH)	
KC44 /	2	TC4402	153x153x266	
KC66	3	TC4403	153x153x396	
	4	TC4404	153x153x526	
	5	TC4405	153x153x656	
	6	TC4406	153x153x786	

Box type	Compart- ments	Item no.	Dimensions in mm (WxDxH)	
KC48 /	2	TC4802	153x296x266	
KC612	3	TC4803	153x296x396	
	4	TC4804	153x296x526	
	5	TC4805	153x296x656	
	6	TC4806	153x296x786	





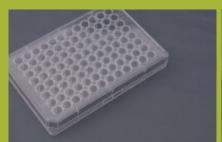


2.3 Vertical racks for microtiter plates – 86 x 128 x 18mm

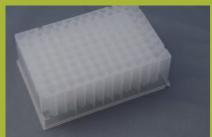


Compart-	Item no.	Dimensions in	
ments		mm (WxDxH)	
15	TM1815	91 x 133 x 306	
16	TM1816	91 x 133 x 326	
17	TM1817	91 x 133 x 346	
18	TM1818	91 x 133 x 366	
19	TM1819	91 x 133 x 386	
20	TM1820	91 x 133 x 406	
21	TM1821	91 x 133 x 426	
22	TM1822	91 x 133 x 446	
23	TM1823	91 x 133 x 466	
24	TM1824	91 x 133 x 486	
25	TM1825	91 x 133 x 506	
26	TM1826	91 x 133 x 526	
27	TM1827	91 x 133 x 546	
28	TM1828	91 x 133 x 566	
29	TM1829	91 x 133 x 586	
30	TM1830	91 x 133 x 606	
31	TM1831	91 x 133 x 626	
32	TM1832	91 x 133 x 646	
33	TM1833	91 x 133 x 666	
34	TM1834	91 x 133 x 686	
35	TM1835	91 x 133 x 706	
36	TM1836	91 x 133 x 726	
37	TM1837	91 x 133 x 746	

Upon request, we would be pleased to send an offer for vertical racks for microtiter plates of different heights, DeepWell plates, matrix or micronic boxes.









2.4 Sample equipment for chest freezers

Storage of boxes 136 x 136 mm (Cardboard type A)									
	Box heigh	nt 53mm		Box heigh	t 78 mm		Box height 1	103 mm	
Brand/model	Type of	Number	Number	Type of	Number	Number	Type of	Number	Number
	rack	of racks	of boxes	rack	of racks	of boxes	rack	of racks	of boxes
Arctiko ULTF80	TA5008	4	32	TA7505	4	20	TA10004	4	16
Arctiko ULTF420	TA5011+TA5006	24+3	264+18	TA7507+TA7504	24+3	168+12	TA10005+TA10003	24+3	120+9
GFL 6342/6382	TA5006	15	90	TA7504	15	60			
GFL 6345/6385	TA5010	40	400	TA7507	40	280			
Heraeus HFC286	TA5012	12	144	TA7508	12	96	TA10006	12	72
Heraeus HFC486	TA5012	21	252	TA7508	21	168	TA10006	21	126
NBS Prem. C340	TA5013	20	260	TA7509	20	180	TA10007	20	140
NBS VIP C760	TA5014	40	560	TA7509	40	360	TA10007	40	280
REVCO ULT 1090	TA5011	18	198	TA7508	18	144	TA10006	18	108
REVCO ULT 2090	TA5012	36	432	TA7508	36	288	TA10006	36	216
SANYO MDF 293	TA5010	10	100	TA7506	10	60	TA10005	10	50
SANYO MDF 794	TA5013	36	468	TA7509	36	324	TA10007	36	252
SKADI 9010 GL	TA5012	18	216	TA7508	18	144	TA10006	18	108
SKADI 9020 GL	TA5012	36	432	TA7508	36	288	TA10006	36	216





Equipment suggestions

You will find further equipment suggestions on our website www.freezerracks.eu. Click on "freezer equipment." This overview is frequently expanded.



3. Horizontal racks (for upright freezers, side opening)



No matter what brand or model freezer you own:

With our light but stable stainless steel horizontal racks you can equip it perfectly and easily store and clearly organize a large number of samples.

Our horizontal racks load from the side and have a horizontal folding handle at the front for easy removal from the freezer.

You will find a variety of the most popular freezer racks on the following pages. Additional sizes are available on request.

Freezer racks are manufactured to fit specific storage boxes. Therefore, you will find racks for type A (136x136mm), type B (133x133 mm), and type C boxes, as well as microtiter plates (86x128x18 mm), DeepWell plates or any other kind of customized requirements.

We also offer racks without shelves to store boxes of different heights (page 23). As an alternative, we recommend our upright stainless steel bins for storing a large variety of samples. Please find additional information on page 24.

Custom racks

Please contact us if you need racks of any other dimensions. We will be pleased to send you our quotation.

Identification

To simplify finding a rack inside your upright freezer, we offer low-cost numeric rack labelling. The numbering is laser cut into a small stainless steel plate (50x40mm). The lasered numbering is still easily visible, in contrast to an engraved or a sticker number, when the racks are old and well-used.

The stainless steel plate is spot welded on the front of the rack.

Numbering from 1-99 is available. (Other labelling at extra charge.)





3.1 Horizontal racks for type A / B / P storage boxes



Box-	Compa	artments	Туре	A storage box (136x136mm)	Type B +	P storage boxes (133x133mm)	
height (mm)	Depth	Height	Item no.	Dimensions in mm (WxDxH)	Item no.	Dimensions in mm (WxDxH)	
50	3	3	GA5033	142 x 426 x 169	GB5033	139 x 414 x 169	
	3	4	GA5034	142 x 426 x 224	GB5034	139 x 414 x 224	
	3	5	GA5035	142 x 426 x 279	GB5035	139 x 414 x 279	
	4	1	GA5041	142 x 565 x 240	GB5041	142 x 549 x 240	
	4	3	GA5043	142 x 565 x 169	GB5043	139 x 549 x 169	
	4	4	GA5044	142 x 565 x 224	GB5044	139 x 549 x 224	
	4	5	GA5045	142 x 565 x 279	GB5045	139 x 549 x 279	
	4	6	GA5046	142 x 565 x 334	GB5046	139 x 549 x 334	
	4	7	GA5047	142 x 565 x 389	GB5047	139 x 549 x 389	
	5	4	GA5054	142 x 705 x 224	GB5054	139 x 685 x 224	
	5	5	GA5055	142 x 705 x 279	GB5055	139 x 685 x 279	
75	3	0	GA7532	142 x 426 x 164	GB7532	139 x 414 x 164	
75		3					
	3	4	GA7533 GA7534	142 x 426 x 244	GB7533	139 x 414 x 244	
	3			142 x 426 x 324	GB7534	139 x 414 x 324	
	4	2	GA7542	142 x 565 x 164	GB7542	139 x 549 x 164	
	4	3	GA7543 GA7544	142 x 565 x 244	GB7543	139 x 549 x 244	
	4	2	GA7544 GA7552	142 x 565 x 324 142 x 704 x 164	GB7544 GB7552	139 x 549 x 324 139 x 684 x 164	
	5	3	GA7553		GB7553	139 x 684 x 164	
	5			142 x 704 x 244			
	5	4	GA7554	142 x 704 x 324	GB7554	139 x 684 x 324	
100	3	2	GA10032	142 x 426 x 224	GB10032	139 x 414 x 224	
	3	3	GA10033	142 x 426 x 318	GB10033	139 x 414 x 318	
	4	2	GA10042	142 x 565 x 224	GB10042	139 x 549 x 224	
	4	3	GA10043	142 x 565 x 318	GB10043	139 x 549 x 318	
	5	2	GA10052	142 x 705 x 224	GB10052	139 x 684 x 224	
130	3	2	GA13032	142 x 426 x 279	GB13032	139 x 414 x 279	
	3	3	GA13033	142 x 426 x 407	GB13033	139 x 414 x 407	
	4	2	GA13042	142 x 565 x 279	GB13042	139 x 549 x 279	
	4	3	GA13043	142 x 565 x 407	GB13043	139 x 549 x 407	



3.2 Horizontal racks for type C storage boxes



Box type	Compar	tments	Item no.	Dimensions	
. 31	Depth	Height		in mm (WxDxH)	
KC33 / KC55	3 3 4 4	2 3 2 3	GC3332 GC3333 GC3342 GC3343	128 x 384 x 264 128 x 384 x 394 128 x 509 x 264 128 x 509 x 394	
	4	3	GC3343	120 X 309 X 394	
KC36 / KC510	2 2	2 3	GC3622 GC3623	128 x 494 x 264 128 x 494 x 394	
KC44 / KC66	3 3 4 4	2 3 2 3	GC4432 GC4433 GC4442 GC4443	154 x 462 x 264 154 x 462 x 394 154 x 613 x 264 154 x 613 x 394	
KC48 / KC612	2	2	GC4822 GC4823	154 x 596 x 264 154 x 596 x 394	















3.3 Horizontal racks for microtiter and DeepWell plates



Compartments			Microtiter plates (86x128x18 m	m)
Depth	Height	Item no.	Dimensions in mm (WxDxH)	
5	3	GM1853	139 x 455 x 169	
5	4	GM1854	139 x 455 x 224	
5	5	GM1855	139 x 455 x 279	
5	6	GM1856	139 x 455 x 334	
5	7	GM1857	139 x 455 x 332	
6	3	GM1863	139 x 544 x 389	
6	4	GM1864	139 x 544 x 224	
6	5	GM1865	139 x 544 x 279	
6	6	GM1866	139 x 544 x 334	
6	7	GM1867	139 x 544 x 389	



Note:

Each compartment of this rack stores either one DeepWell plate up to a height of 54mm or three microtiter plates up to a height of 18mm.



3.4 Horizontal racks without intermediate shelves

Horizontal racks without shelves are suitable for keeping storage boxes of different heights. The front and bottom are reinforced to increase the stability of these racks.



Box height	Compa	rtments	Horizontal racks without intermediate shelves – type A boxes (136 x 136 mm)				
(mm)	Depth	Height	Item no.	Dimensions in mm (WxDxH)			
50	3	5	GA5035-OZ	142 x 426 x 279			
	3	6	GA5036-OZ	142 x 426 x 334			
	4	4	GA5044-OZ	142 x 426 x 263			
	4	5	GA5045-OZ	142 x 565 x 279			
	4	6	GA5046-OZ	142 x 565 x 334			

 \underline{Each} horizontal rack is available without intermediate shelves. Please add an "-OZ" to the standard item number (e.g. GA5044-OZ).

If you need racks with shelves of various heights to store boxes of different sizes, please contact us directly.



3.5 Bins for upright freezers

Bins have closed sides (lid available upon request) and thus enable storing various samples. Upon request you can also order them in sizes not listed here. Just contact us.

All bins have an extra gripping edge on the front to remove them from the refrigerator or freezer more easily.



		Bins for upright freezers	
Item number	Inner dimensions	Outer dimensions	
	in mm (WxDxH)	in mm (WxDxH)	
SKA5034	141 x 406 x 223	142 x 426 x 224	
SKA5044	141 x 545 x 223	141 x 565 x 224	
SKA5045	141 x 545 x 278	142 x 565 x 279	
SKA5046	141 x 545 x 333	142 x 565 x 334	
SKB5034	138 x 394 x 223	142 x 414 x 224	
SKB5044	138 x 529 x 223	139 x 549 x 224	
SKB5045	138 x 529 x 278	139 x 549 x 279	
SKB5046	138 x 529 x 333	139 x 549 x 334	
SKB5054-2	277 x 665 x 278	278 x 685 x 279	

This list only shows a small selection of possible dimensions. Please contact us if you need other sizes.



3.6 Sample equipment for upright refrigerators & freezers with horizontal racks

				:	Storage of	boxes 136	6x136 mi	m (type A)				
Type of		Box heigh	Box height 78 mm				Box height 103 mm					
freezer	Rack	No. o	of racks	Total	Rack	No. of	racks	Total	Rack	No. of ra	acks	Total
(selection)	Model	per com- partment	per freezer	no. of boxes	Model	per com- partment	per freezer	no. of boxes	Model	per com- partment	per freezer	no. of boxes
ARCTIKO	GA5044	3	9	20.4	GA7543	3	9		GA10042	3	9	444
UPUL580	GA5045	3	6	264	GA7544	3	6	204	GA10043	3	6	144
DOMETIC UF 606	GA5044	4	20	320	GA7543	4	20	240	GA10042	4	20	160
GRAM RF600D	GA5044	3	15	240	GA7542	3	15	120	GA10042	3	15	120
GFL 6485	GA5056	4	12	360	GA7554	4	12	240				
Heraeus HFU686	GA5044	5	25	440	GA7543	5	25	300	GA10042	5	25	200
NBS U 410	GA5044	3	15	240	GA7542	3	15	120	GA10042	3	15	120
Revco ULT13(572ltr.)	GA5044	5	25	440	GA7542	5	25	200	GA10042	5	25	200
SANYO	GA5045	6	12		GA7543	6	12	336	GA10042	6	12	240
MDF U 74 V	GA5046	6	12	528	GA7544	6	12	330	GA10043	6	12	240
SKADI	GA5046	6	12	624	GA7544	6	24	384	GA10043	6	24	288
DF 8528 2T	GA5047	6	12	024	GA7544	U	24	-001	GA 10040	U	24	200
SKADI DF 8528 5T	GA5045	6	30	600	GA7543	6	30	360	GA10042	6	30	240





For further sample setups for other refrigerators & freezers please visit: www.freezerracks.eu



4. Horizontal racks (for upright freezers, single drawers)



No matter what make or model of freezer and what kind of storage boxes you use – our stainless steel racks with drawers are perfect for storing and clearly organizing a large number of samples.

Our high quality racks with drawers simplify your work. The samples are clearly arranged in the refrigerator or freezer and are always easily reachable because drawers can be individually opened.

In contrast to horizontal racks, which are loaded from the side and thus have to be completely removed, the drawers can be opened separately to access a specific box. The drawers have a gripping edge on the front, which can be used even wearing special gloves. The bottoms of the drawers are closed to store small boxes or sample containers too. We can also provide you with drawers with a folding handle or an opening in the bottom. Please contact us to receive a particular quotation.

To avoid pulling a drawer out all the way unintentionally, you can order the drawer racks with a pull-out stop at no extra

You will find an overview of the most popular drawer racks on the following pages. Additional sizes are available upon request.

Our drawer racks are manufactured to fit specific storage boxes.

Therefore, you will find racks for type A (136x136mm), type B (133x133 mm), type C boxes, as well as microtiter plates (86x128x18 mm), DeepWell plates, or any other kind of customized requirements.

Custom racks

If you need a particular rack, please send us your request. We will be pleased to send you a quotation.

Identification

To simplify finding a drawer rack inside your freezer, we offer low-cost numeric rack labelling at little extra expense. The numbering is laser cut into a small stainless steel plate (50x40mm). The lasered numbering is still easily visible, in contrast to an engraved or a sticker number, when the racks are old and well-used.

The stainless steel plate is spot welded on the front of the one or more drawers in the rack.

Numbering from 1-99 is available. (Other labelling at extra charge.)



4.1 Drawer racks for type A storage boxes

Box height	Compa	rtments		wer racks WITHOUT pull-out or type A boxes (136x136mn			awer racks WITH pull-out sto or type A boxes (136x136mn	
(mm)	Depth	Height	Item no.	Dimensions in mm (WxDxH)	·/	Item no.	Dimensions in mm (WxDxH)	•,
50	3	3	SA5033	145 x 450 x 173		SA5033-S	145 x 450 x 184	
	3	4	SA5034	145 x 450 x 231		SA5034-S	145 x 450 x 245	
	4	3	SA5043	145 x 580 x 173		SA5043-S	145 x 580 x 184	
	4	4	SA5044	145 x 580 x 231		SA5044-S	145 x 580 x 245	
	4	5	SA5045	145 x 580 x 290		SA5045-S	145 x 580 x 306	
	4	6	SA5046	145 x 580 x 346		SA5046-S	145 x 580 x 367	
	4	7	SA5047	145 x 580 x 404		SA5047-S	145 x 580 x 428	
	5	4	SA5054	145 x 716 x 231		SA5054-S	145 x 716 x 245	
	5	5	SA5055	145 x 716 x 290		SA5055-S	145 x 716 x 306	
75	3	2	SA7532	145 x 450 x 163		SA7532-S	145 x 450 x 170	
	3	3	SA7533	145 x 450 x 244		SA7533-S	145 x 450 x 254	
	3	4	SA7534	145 x 450 x 325		SA7534-S	145 x 450 x 339	
	4	2	SA7542	145 x 580 x 163		SA7541-S	145 x 580 x 170	
	4	3	SA7543	145 x 580 x 244		SA7543-S	145 x 580 x 254	
	4	4	SA7544	145 x 580 x 325		SA7544-S	145 x 580 x 339	
	4	5	SA7545	145 x 580 x 414		SA7545-S	145 x 580 x 431	
	5	3	SA7553	145 x 716 x 216		SA7553-S	145 x 716 x 254	
100	3	2	SA10032	145 x 450 x 216		SA10032-S	145 x 450 x 224	
	3	3	SA10033	145 x 450 x 323		SA10033-S	145 x 450 x 334	
	4	2	SA10042	145 x 580 x 216		SA10042-S	145 x 580 x 224	
	4	3	SA10043	145 x 580 x 323		SA10043-S	145 x 580 x 334	
	5	2	SA10052	145 x 716 x 271		SA10052-S	145 x 716 x 224	
130	3	2	SA13032	145 x 450 x 271		SA13032-S	145 x 450 x 277	
	4	2	SA13043	145 x 580 x 271		SA13042-S	145 x 580 x 277	
	5	2	SA13052	145 x 716 x 271		SA13052-S	145 x 716 x 277	





4.2 Drawer racks for type B and P boxes

Box height	Compar	tmonto		wer racks WITHOUT pull-out- e B+P storage boxes (133x1			awer racks WITH pull-out-st e B+P storage boxes (133x1	•
(mm)	Depth	Height		Dimensions in mm (WxDxH)	əəiiiii) 	Item no.	Dimensions in mm (WxDxH)	ગગાાા)
(111111)	Depui	Height	item no.	חווופוופוטווא ווו וווווו (אאסאווו)		itelli ilo.	DITIONS III IIIII (WADAII)	
50	3	3	SB5033	141 x 434 x 173		SB5033-S	141 x 434 x 184	
	3	4	SB5034	141 x 434 x 231		SB5034-S	141 x 434 x 245	
	4	3	SB5043	141 x 567 x 173		SB5043-S	141 x 567 x 184	
	4	4	SB5044	141 x 567 x 231		SB5044-S	141 x 567 x 245	
	4	5	SB5045	141 x 567 x 290		SB5045-S	141 x 567 x 306	
	4	6	SB5046	141 x 567 x 346		SB5046-S	141 x 567 x 367	
	4	7	SB5047	141 x 567 x 404		SB5047-S	141 x 567 x 428	
	5	4	SB5054	141 x 700 x 231		SB5054-S	141 x 700 x 245	
	5	5	SB5055	141 x 700 x 290		SB5055-S	141 x 700 x 306	
75								
75	3	2	SB7532	141 x 434 x 163		SB7532-S	141 x 434 x 170	
	3	3	SB7533	141 x 434 x 244		SB7533-S	141 x 434 x 254	
	3	4	SB7534	141 x 434 x 325		SB7534-S	141 x 434 x 339	
	4	2	SB7542	141 x 567 x 163		SB7541-S	141 x 567 x 170	
	4	3	SB7543	141 x 567 x 244		SB7543-S	141 x 567 x 254	
	4	4	SB7544	141 x 567 x 325		SB7544-S	141 x 567 x 339	
	4	5	SB7545	141 x 567 x 414		SB7545-S	141 x 567 x 431	
	5	3	SB7553	141 x 700 x 216		SB7553-S	141 x 700 x 254	
100	3	2	SB10032	141 x 434 x 216		0040000	141 404 004	
100	3	3	SB10032	141 x 434 x 216		SB10032-S SB10033-S		
	4	2	SB10033	141 x 454 x 525				
	4	3	SB10042	141 x 567 x 323		SB10042-S		
	5	2	SB10043	141 x 507 x 323		SB10043-S SB10052-S		
	- 3		3010032	141 X 700 X 271		3010052-5	141 X / UU X ZZ4	
130	3	2	SB13032	141 x 434 x 271		SB13032-S	141 x 434 x 277	
	4	2	SB13043	141 x 567 x 271		SB13042-S	141 x 567 x 277	
	5	2	SB13052	141 x 700 x 271		SB13052-S	141 x 700 x 277	







4.3 Drawer racks for type C storage boxes

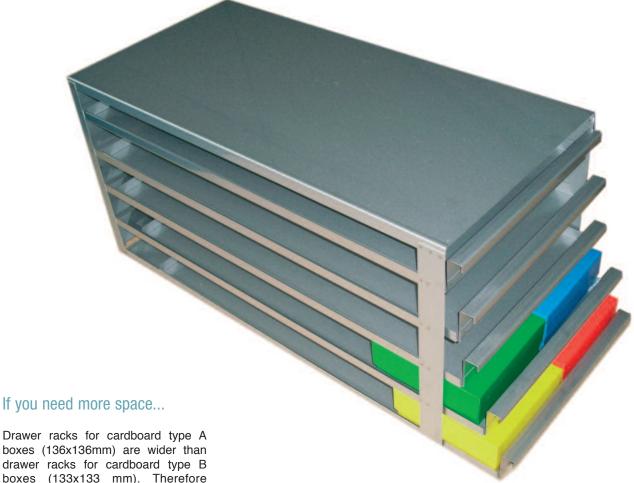


4.4 Drawer racks for microtiter plates

	mber plates		er racks WITHOUT pull-out-s crotiter plates 86x128x18 m		Drawer racks WITH pull-out-stop for Microtiter plates 86x128x18 mm			
Depth	Height	Item no.	Dimensions in mm (WxDxH)	Ite	m no.	Dimensions in mm (WxDxH)		
4	8	SM18408	138 x 359 x 181	SM1	8408-S	138 x 379 x 210		
4	9	SM18409	138 x 359 x 203	SM1	8409-S	138 x 379 x 236		
4	10	SM18410	138 x 359 x 226	SM1	8410-S	138 x 379 x 262		
4	11	SM18411	138 x 359 x 248	SM1	8411-S	138 x 379 x 288		
4	12	SM18412	138 x 359 x 271	SM1	8412-S	138 x 379 x 314		
4	13	SM18413	138 x 359 x 293	SM1	8413-S	138 x 379 x 340		
4	14	SM18414	138 x 359 x 366	SM1	8414-S	138 x 379 x 366		
5	8	SM18508	138 x 445 x 181	SM1	8508-S	138 x 465 x 210		
5	9	SM18509	138 x 445 x 203	SM1	8509-S	138 x 465 x 236		
5	10	SM18510	138 x 445 x 226	SM1	8510-S	138 x 465 x 262		
5	11	SM18511	138 x 445 x 248	SM1	8511-S	138 x 465 x 288		
5	12	SM18512	138 x 445 x 271	SM1	8512-S	138 x 465 x 314		
5	13	SM18513	138 x 445 x 293	SM1	8513-S	138 x 465 x 340		
5	14	SM18514	138 x 445 x 366	SM1	8514-S	138 x 465 x 366		
6	8	SM18608	138 x 531 x 181	SM1	8608-S	138 x 551 x 210		
6	9	SM18609	138 x 531 x 203	SM1	8609-S	138 x 551 x 236		
6	10	SM18610	138 x 531 x 226	SM1	8610-S	138 x 551 x 262		
6	11	SM18611	138 x 531 x 248	SM1	8611-S	138 x 551 x 288		
6	12	SM18612	138 x 531 x 271	SM1	8612-S	138 x 551 x 314		
6	13	SM18613	138 x 531 x 293	SM1	8613-S	138 x 551 x 340		
6	14	SM18614	138 x 531 x 316	SM1	8614-S	138 x 551 x 366		



4.5 Racks with double drawers for type A boxes



Drawer racks for cardboard type A boxes (136x136mm) are wider than drawer racks for cardboard type B boxes (133x133 mm). Therefore sometimes the freezer is not wide enough to store the same amount of type A boxes as B boxes. We designed double drawers to enable storage of the same amount of boxes.

You can use these double drawers to equip the SANYO MDF-U74V.

Only 5 "normal" drawer racks for A boxes fit in this freezer, but 6 racks for B boxes fit into each compartment. By using double drawers, the same amount of A boxes and B boxes can be stored. For this setup, you place 3 double drawer racks next to each other in each compartment of the freezer.

In each double drawer, you can place 2 rows of drawers. Thus the SA5045-2 provides space for 40 type A boxes (5 drawers each holding 2x4 boxes). These double drawers naturally also have the handy gripping edge, so that you can easily open them individually even when wearing gloves.

Box height	Compa	artment	D	rawer racks WITHOUT pull-out st	top
(mm)	Depth	Height	Item no.	Dimension in mm (WxDxH)	
50					
50	3	4	SA5034-2	281 x 450 x 231	
	4	3	SA5043-2	281 x 580 x 173	
	4	4	SA5044-2	281 x 580 x 231	
	4	5	SA5045-2	281 x 580 x 290	
	4	6	SA5046-2	281 x 580 x 346	
	4	7	SA5047-2	281 x 580 x 404	
75					
75	4	3	SA7543-2	281 x 580 x 249	
	4	4	SA7544-2	281 x 580 x 331	
400					
100	4	2	SA10042-2	281 x 580 x 224	
	4	3	SA10043-2	281 x 580 x 343	
400					
130	4	2	SA13042-2	281 x 580 x 277	
	4	3	SA13043-2	281 x 580 x 414	



4.6 Sample equipment for upright refrigerators & freezers with drawer racks for type A boxes

					Storage of	boxes 136	6x136 mi	m (type A)			
Type		Box heigh	t 53 mm			Box height		(),		Box height	103 mm	
freezer	Rack	No. o	of racks	Total	Rack	No. of	racks	Total	Rack	No. of ra	acks	Total
(selection)	Model	per com- partment	per freezer	no. of boxes	Model	per com- partment	10.0	no. of boxes	Model	per com- partment	per freezer	no. of boxes
ARCTIKO	SA5044	3	9	264	SA7543	3	9	204	SA10042	3	9	144
UPUL580	SA5045	3	6		SA7544	3	6		SA10043	3	6	
DOMETIC UF 606	SA5044	4	20	320	SA7543	4	20	240				
GRAM RF600D	SA5044	3	15	240	SA7542	3	15	120	SA10042	3	15	120
GFL 6485	SA5056	4	12	360	SA7554	4	12	240				
Heraeus HFU686	SA5044	5	25	400	SA7543	5	25	300	SA10042	5	25	200
NBS U 410	SA5044 -M1	3	15	240	SA7542 -M1	3	15	120	SA10042 -M1	3	15	120
Revco ULT21	SA5044	5	25	400	SA7542	5	25	200	SA10042	5	25	200
SANYO U5386S	SA5045	4	16	320	SA7543	4	16	192	SA10042	4	16	128
SKADI DF 8528 2T	SA5046 -M1	6	24	576	SA7544	6	24	384	SA10043	6	24	288
SKADI DF 8528 5T	SA5045	6	30	600	SA7543	6	30	360	SA10042	6	30	240



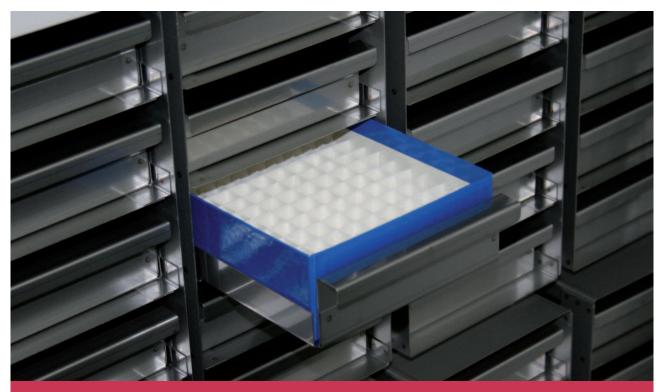


For further sample setups for other refrigerators & freezers please visit: www.freezerracks.eu



4.7 Sample equipment for upright refrigerators & freezers with drawer racks for type B / P boxes

	Storage of boxes 136x136 mm (type B and P)											
Type		Box heigh	t 53 mm			Box height	78 mm			Box height	103 mm	
freezer	Rack	No. of	racks	Total	Rack	No. of	racks	Total	Rack	No. of ra	acks	Total
(selection)	Model	per com- partment	per freezer	no. of boxes	Model	per com- partment	per freezer	no. of boxes	Model	per com- partment	per freezer	no. of boxes
ARCTIKO	SB5044	3	9	264	SB7543	3	9	204	SB10042	3	9	144
UPUL580	SB5045	3	6		SB7544	3	6		SB10043	3	6	
DOMETIC UF 606	SB5044	4	20	320	SB7543	4	20	240				
GRAM RF600D	SB5044	3	15	240	SB7542	3	15	120	SB10042	3	15	120
GFL 6485	SB5056	4	12	360	SB7554	4	12	240				
Heraeus HFU686	SB5044	5	25	400	SB7543	5	25	300	SB10042	5	25	200
NBS U 410	SB5044	3	15	240	SB7542	3	15	120	SB10042	3	15	120
Revco ULT21	SB5044	5	25	400	SB7542	5	25	200	SB10042	5	25	200
SANYO U5386S	SB5045	4	16	320	SB7543	4	16	192	SB10042	4	16	128
SKADI DF 8528 2T	SB5046 -M1	6	24	576	SB7544	6	24	384	SB10043	6	24	288
SKADI DF 8528 5T	SB5045	6	30	600	SB7543	6	30	360	SB10042	6	30	240



For further sample setups for other refrigerators & freezers please visit: www.freezerracks.eu



5. Custom racks

On these pages we would like to show you examples of custom racks that we manufactured according to customers' requests. If you are also looking for a special kind of storage system, please contact us.



Vertical rack with locking rod for storage of microtiter plates





Rack with drawers. Closed on all sides, lockable front lid.

This vertical rack has 4 drawers that can be opened without falling or being taken out of the rack as requested by our customer.



Vertical rack with a safety rod for storage of type A boxes (boxes cannot fall out).



Vertical rack for storage of matrix boxes or DeepWell plates in a chest freezer.

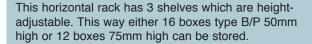


Rack for vertical storage of plasma bags in a chest freezer.



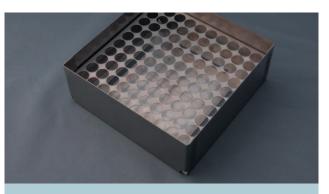


Horizontal rack for storage of specimen holder boxes.





This horizontal drawer is open on one side, so the boxes can be taken out sideways. Additionally, the drawers have small dividers to prevent the boxes from sliding.



A stainless steel box equipped with a grid divider for storage of cryo tubes in liquid nitrogen.



This horizontal rack has dividers in each drawer so that 10 specimen holders can be stored in each compartment. Additionally each drawer has numeric labelling. This ensures clear organization of drawers when several are removed at the same time.





In these horizontal racks for storage of 2ml cryo tubes, the tubes are stored directly in the drawer placed in the attached grid divider – per to the customer's request, each drawer holds 3 tubes next to each other. The numbering given on the front side of the drawers ensures clear organization.



Personal notes





Freezer racks

for sample storage

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