## RACK-SYSTEMS

The Suitable
Storage System for
Every Biological Sample


various sizes $(1.0-5 \mathrm{ml})$ in drawers made of aluminium with separator grids or in cryoboxes
drawers with openings for quick liquid draining and front
with extraction opening for easy handling
with extraction opening for easy handling
cryoboxes made of special plastic with circulation function and crystal clear lid

Cassettes
for Bags

aluminium to create a definite layer thickness for controlled
freezing
foldable with hinge on the underside and lock with two locking leaves opposite each other

- window for label
- with ingenious stage to protect the ports


## 1 $\because-1$ $=-$ $=-1$ $e=1$




Cane Holder with Cryosleeve in Goblets for Vials / Cryotubes


- for highly compact storage in canisters - easy-to-handle due to lifter in the canisters - various sizes: $1.0-5 \mathrm{ml}$

SBS Racks (SBS Boxes)
for Vials / Cryotubes


- storage of cryotubes in racks / boxes in SBS format - suitable for all common manufacturers
value-for-money, highly compact storage without locking at
the individual levels
the individual levels
- highly compact and safe storage with spring clip at every
individual level
individual level
highly compact and doubly safe through retaining lip in every individual level and extra pivoting drawer bar for central locking
- maximum capacity as adjustable to every type and height

- cryo-conservation of semen samples for insemination
- colour coding


Stored Safely


With Cryo-Storage Handling Safety
of the Samples is the Highest Priority


The Various Cryotherm Safety Systems Protect Your Material


Storage in Drawers
Inside Height = 625 mm
Vials / Cryotubes of 2 ml : Racks with 10 Levels
Vials / Cryotubes of 5 ml : Racks with 5 Levels

Storage in Cryoboxes
Inside Height $=625 \mathrm{~mm}$
Vials / Cryotubes of 2 ml : Racks with 10 Levels
Vials / Cryotubes of 5 ml : Racks with 5 Levels

| Rack of aluminium with | c) | Rack of aluminium with <br> 10 levels for vials <br> and pivoting drawer bar <br> for the storage of |
| :--- | :--- | :--- |
| a) 2 ml vials in drawers pivoring drawer bar |  |  |
| and |  |  |
| for the storage of |  |  |


| Vials / Cryotubes in Drawers Description | Dimensions $(H \times W \times D)$ <br> [mm] | Article-No. | Layout | $\begin{gathered} \text { BIOSAFE® 120 } \\ \text { Capacity } \end{gathered}$ | $\begin{gathered} \text { BIOSAFE® } 220 \\ \text { Capacity } \end{gathered}$ | $\begin{gathered} \text { BIOSAFE® } 420 \\ \text { Capacity } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a) rack for 2 mlvials in drawers, 10 levels | $620 \times 140 \times 166$ | 78202837 | 1,2,3 | 5 | 10 | 18 |
| plus: drawer with grid for $2 \mathrm{mlvials}, 120 \mathrm{pcs}, \varnothing 12 \mathrm{~mm}$ | $50 \times 132 \times 157$ | 77031481 |  | 50 | 100 | 180 |
| or drawer with grid for $2 \mathrm{ml} \mathrm{vials} 80 \mathrm{pcs},, \varnothing 14 \mathrm{~mm}$ | $50 \times 132 \times 157$ | 77031482 |  | 50 | 100 | 180 |
| b) rack for $2 \mathrm{mlvials}, 25$ per level, 10 levels | $620 \times 85 \times 85$ | 78202835 | 1,2,3 | 3 | 4 | 6 |
| plus: drawer with grid for $25 \mathrm{pcs} 2 \mathrm{ml}-/ 5 \mathrm{mlvials}$ | $50 \times 75 \times 75$ | 78202839 |  | 30 | 40 | 60 |
| or cryobox, grid $5 \times 5$, for 25 pcs 2 mlvials | $52 \times 75 \times 75$ | 78212860 |  | 30 | 40 | 60 |
| maximum storage capacity for 2 mlv vials, $\emptyset 12 \mathrm{~mm}$ |  |  |  | 6,750 | 13,000 | 23,100 |
| c) rack for 5 mlv vials in drawers, 5 levels | $620 \times 140 \times 166$ | 78202838 | 1,2,3 | 5 | 10 | 18 |
| plus: drawer with grid for 5 mv vials, 120 pcs, $\varnothing 12 \mathrm{~mm}$ | $100 \times 132 \times 157$ | 77031483 |  | 25 | 50 | 90 |
| or drawer with grid for $5 \mathrm{ml} \mathrm{vials} 80 \mathrm{pcs},, \varnothing 12 \mathrm{~mm}$ | $100 \times 132 \times 157$ | 77031484 |  | 25 | 50 | 90 |
| d) rack for 5 ml vials, 25 per level, 5 levels | $620 \times 85 \times 85$ | 78202836 | 1,2,3 | 3 | 4 | 6 |
| plus: drawer with grid for $25 \mathrm{pcs} 2 \mathrm{ml}-15 \mathrm{mlvials}$ | $50 \times 75 \times 75$ | 78202839 |  | 15 | 20 | 30 |
| maximum storage capacity for 5 ml vials, $\emptyset 12 \mathrm{~mm}$ |  |  |  | 3,375 | 6,500 | 11,550 |

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Rack of aluminium with 10 levels for vials
and pivoting drawer bar for the storage of
e) 2 ml vials in
cryoboxes
dimensions ( $\mathrm{H} \times \mathrm{W} \times \mathrm{D}$ ):
$620 \times 140 \times 145 \mathrm{~mm}$
f) 2 ml vials in
cryoboxes
dimensions ( $\mathrm{H} \times \mathrm{W} \times \mathrm{D}$ )
$620 \times 85 \times 85 \mathrm{~mm}$


Rack of aluminium with 5 levels for vials
and pivoting drawer bar for the storage of
g) 5 ml vials in
cryoboxes
dimensions ( $\mathrm{HxW} \times \mathrm{D}$ ): $620 \times 140 \times 145 \mathrm{~mm}$.
h) 5 ml vials in
drawers with grid
dimensions ( $\mathrm{H} \times \mathrm{W} \times \mathrm{D}$ ):
$620 \times 85 \times 85 \mathrm{~mm}$

| Vials / Cryotubes in Cryoboxes Description | Dimensions $(\mathrm{H} \times \mathrm{W} \times \mathrm{D})$ <br> [mm] | Article-No. | Layout | BIOSAFE® 120 Capacity | BIOSAFE® 220 Capacity | BIOSAFE® 420 Capacity |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| e) rack for 2 ml vials in cryoboxes, $81 / 100,10$ levels | $620 \times 140 \times 145$ | 78202833 | 4, 5, 6 | 6 | 12 | 20 |
| plus: cryobox grid $10 \times 10$ for 100 pcs 2 ml vials | $53 \times 132 \times 132$ | 78212859 |  | 60 | 120 | 200 |
| or cryobox grid 9x9 for 81 pcs for 2 mlvials | $53 \times 132 \times 132$ | 78214364 |  | 60 | 120 | 200 |
| f) rackfor $2 \mathrm{ml} \mathrm{vials}, 25$ per leve, 10 levels | $620 \times 85 \times 85$ | 78202835 | 4, 5, 6 | 4 | 4 | 7 |
| plus: cryobox grid $5 \times 5$ for 25 pcs 2 mlv vials | $52 \times 75 \times 75$ | 78212860 |  | 40 | 40 | 70 |
| maximum storage capacity for 2 mlv vials $\emptyset 12 \mathrm{~mm}$ |  |  |  | 7,000 | 13,000 | 21,750 |
| g) rack for 5 mlvials in cryoboxes 81,5 levels | $620 \times 140 \times 145$ | 78202834 | 4,5,6 | 6 | 12 | 20 |
| plus: cryobox grid 9x9 for 81 pcs 5 mlv vials | $95 \times 132 \times 132$ | 78215707 |  | 30 | 60 | 100 |
| h) rack for 5 mlv vials, 25 per level, 5 levels | $620 \times 85 \times 85$ | 78202836 | 4,5,6 | 4 | 4 | 7 |
| plus: drawer with grid for $25 \mathrm{pcs} 2 \mathrm{ml}-/ 5 \mathrm{mlvials}$ | $50 \times 75 \times 75$ | 78202839 |  | 20 | 20 | 35 |
| maximum storage capacity for 5 ml vials $\varnothing 12 \mathrm{~mm}$ |  |  |  | 2,930 | 5,360 | 8,875 |

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BIOSAFE® 220



Storage of Freezing Bags in Cassettes
Inside Height = 625 mm
with 32 Levels

Storage of Freezing Bags in Cassettes
Inside Height = 625 mm
in 3 and 4 Levels

| Freezing bag rack <br> of aluminium with <br> $\mathbf{3 2}$ levels <br> dimensions ( $\mathrm{H} \times \mathrm{W} \times \mathrm{D}$ ): <br> $575 \times 95 \times 165 \mathrm{~mm}$ |
| :--- |



Freezing bag rack of aluminium with pivoting drawer bar
f) with 10 levels, 2 ml vials in drawers with grid
$620 \times 85 \times 85 \mathrm{~mm}$
g) with 5 levels, 5 ml vials in drawers with grid
with grid
$620 \times 85 \times 85 \mathrm{~mm}$


Freezing Bagss in Cassettes
Descripion
c) rack freeing baggs in 4 levels, $4 \times 3$ double sections
plus: cassette for freezing bags 4R9955, 4R9953, CryOMACS 500
d) rack freeing bags in 4 levels, $4 \times 5$ single sections
plus: cassette for freezing bags 4R9995, 4R99953, CyoMACS 500 f) rack for 2 ml lials 25 per level, 10 levels
g) rack for 5 m vials 25 per level, 5 levels
maximum storage capacity for freezing baga 4RP9955, 4R9953, CryoMACS 500 plus: maximum storage capacity for 2 ml vials $\varnothing 12 \mathrm{~mm}$
e) rack freeeing bags in 3 levels, for 15 pcs Hemorreeze type 22003 / DF 700 plus: cassette for freeing bags Hemofreeee type Z 2003 / DF 700 f) rack for 2 mlv vials 25 per level 10 levels rack for 5 mlvials 25 per level 5 levels
hags Hemofreeze type Z 2003 / DF 700 plus: maximum storage capacity for 2 ml vials $\emptyset 12 \mathrm{~mm}$

BIOSAFE ${ }^{\oplus} 120$
10


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BIOSAFE ${ }^{\circledR} 120$

7


BIOSAFE ${ }^{\circledR} 220$



13


BIOSAFE ${ }^{\oplus} 220$


BIOSAFE ${ }^{\circledR} 420$


Storage of Vials / Cryotubes in Boxes / Racks in SBS Format (Description: Matrixbox / Wellplate / Microtiterplates) with the Basic Dimensions $127.76 \times 85.48 \mathrm{~mm}$

For the Storage of Straws ( $0.25 \mathrm{ml} / 0.5 \mathrm{ml}$ ) in Flat Cassettes / Goblets

## Racks of aluminium for SBS rack

a) with 19/14/9 levels without pivoting drawer bar
$620 \times 89 \times 130 \mathrm{~mm}$
b) with $19 / 14 / 9$ levels with spring clips
$620 \times 89 \times 130 \mathrm{~mm}$
C) with $16 / 13 / 9$ levels with pivoting drawer bar
$620 \times 89 \times 145 \mathrm{~mm}$

| SBS Racks (127.76x85.48) in Racks Without Pivoting Drawer Bars or Spring Clips in Each Level or Level and Pivoting Drawer Bars <br> Description | Dimensions <br> ( $\mathrm{H} \times \mathrm{W} \times \mathrm{D}$ ) [mm] | Article-No. | Layout | $\begin{aligned} & \text { BIOSAFE® } \\ & 120 \\ & \text { Capacity } \end{aligned}$ | $\begin{aligned} & \text { BIOSAEE® } \\ & 2220 \\ & \text { Capacity } \end{aligned}$ | $\begin{gathered} \text { BIOSAEE } \\ 420 \\ \text { Capacity } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a) rack for SBS racks ( $20-30 \mathrm{~mm}$ high), 19 levels without locking | $620 \times 89 \times 130$ | * | 16, 17, 18 | 11 | 20 | 40 |
| rack for SBS racks ( $30-40 \mathrm{~mm}$ high), 14 levels without locking | $620 \times 89 \times 130$ |  | 16, 17, 18 | 11 | 20 | 40 |
| rack for SBS racks ( $40-62 \mathrm{~mm}$ high), 9 levels without locking | $620 \times 89 \times 130$ | * | 16, 17, 18 | 11 | 20 | 40 |
| b) rack for SBS racks ( $20-30 \mathrm{~mm}$ high), 19 levels with spring clips | $620 \times 89 \times 130$ | , | 16, 17, 18 | 11 | 20 | 40 |
| rack for SBS racks ( $30-40 \mathrm{~mm}$ high), 14 levels with spring clips | $620 \times 89 \times 130$ | * | 16, 17, 18 | 11 | 20 | 40 |
| rack for SBS racks ( $40-62 \mathrm{~mm}$ high), 9 levels with spring clips | $620 \times 89 \times 130$ | * | 16, 17, 18 | 11 | 20 | 40 |
| c) rack for SBS racks ( $20-30 \mathrm{~mm}$ high), 16 levels with pivoting drawer bar | $620 \times 89 \times 145$ | * | 19, 20, 21 | 10 | 18 | 34 |
| rack for SBS rack ( $30-40 \mathrm{~mm}$ high), 13 levels with pivoting drawer bar | $620 \times 89 \times 145$ | * | 19, 20,21 | 10 | 18 | 34 |
| rack for SBS racks (40-62 mm high), 9 levels with pivoting drawer bar | $620 \times 89 \times 145$ | * | 19, 20,21 | 10 | 18 | 34 |

on request

BIOSAFE ${ }^{\circledR} 120$
16


19


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17


20


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| Straws in Canisters <br> Description | $\begin{gathered} \text { Dimensions } \\ (\varnothing \times \mathrm{H}) \\ {[\mathrm{mm}]} \end{gathered}$ | Article-No. | Layout | $\begin{gathered} \text { BIOSAFE® } \\ 120 \\ \text { Capacity } \end{gathered}$ | $\begin{aligned} & \text { BIOSAFE® } \\ & 220 \\ & \text { Capacity } \end{aligned}$ | $\begin{gathered} \text { BIOSAFE } \\ 420 \\ \text { Capacity } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a) canister for goblets with lifter, 620 mm high, max. 4 goblets | ¢70 6220 | 78213016 | 22,23,24 | 38 | 63 | 110 |
| plus: b) goblet diameter $65 \mathrm{~mm}, 120 \mathrm{~mm}$ high | $\emptyset 65 \times 120$ | 78212792 |  | 152 | 252 | 440 |
| maximum storage capacity for straws 0.25 ml |  |  |  | 85,120 | 141,120 | 246,400 |
| maximum storage capacity for straws 0.5 ml |  |  |  | 31,220 | 52,920 | 92,400 |

Explanatory note: 1 goblet ( $\varnothing 65 \times 120 \mathrm{~mm}$ ) contains max. 560 pieces 0.25 ml straws or max. 210 pieces 0.5 ml straws

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22

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BIOSAFE® 420


Storage in Drawers
Inside Height = 680, 800, 1100 mm
Vials / Cryotubes with 2 ml : Racks with 12, 13, 18 Levels
Vials / Cryotubes with 5 ml : Racks with 6, 7, 10 Levels

Storage in Cryoboxes
Inside Height = 680, 800, 1100 mm
Vials / Cryotubes with 2 ml : Racks with 12, 13, 18 Levels


## Rack of aluminium for vials

a) for 2 ml vials with 12/13/18 levels in drawers
b) for 2 ml vials with 11/13/18 levels,

25 per level
c) for 5 ml vials with 6/7/10 levels in drawers
d) for 5 ml vials with 6/7/10 levels, 25 per level

| Vials / Cryotubes in Drawers Description | Dimensions <br> ( $\mathrm{H} \times \mathrm{W} \times \mathrm{D}$ ) <br> [mm] | Article-No. | Layout | $\begin{aligned} & \text { BIOSAFE® } \\ & 500 \\ & \text { Capacity } \end{aligned}$ | $\begin{gathered} \text { BIOSAFE® } \\ 600 \\ \text { Capacity } \end{gathered}$ | $\begin{aligned} & \text { BIOSAFE® } \\ & \text { 1000 } \\ & \text { Capacity } \end{aligned}$ | $\begin{aligned} & \text { BIOSAFE® } \\ & 1400 \\ & \text { Capacity } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a) rack for $2 \mathrm{ml} \mathrm{vials} \mathrm{in} \mathrm{drawers}$,12 levels | $727 \times 140 \times 166$ | 78220222 | 26,27 | -- | 24 | 34 | -- |
| rack for $2 \mathrm{ml} \mathrm{vials} \mathrm{in} \mathrm{drawers}$,13 levels | $800 \times 140 \times 166$ | 78214754 | 25 | 16 | -- | -- | -- |
| rack for $2 \mathrm{ml} \mathrm{vials} \mathrm{in} \mathrm{drawers}$,18 levels | $1100 \times 140 \times 166$ | 78221089 | 27 | -- | -- | -- | 34 |
| plus: drawer with grid for $2 \mathrm{mlvials}, 120 \mathrm{pcs}, \varnothing 12 \mathrm{~mm}$ | $50 \times 132 \times 157$ | 77031481 |  | 208 | 288 | 408 | 612 |
| plus: drawer with grid for $2 \mathrm{mlvials}, 80 \mathrm{pcs}, \varnothing 14 \mathrm{~mm}$ | $50 \times 132 \times 157$ | 77031482 |  | 208 | 288 | 408 | 612 |
| b) rack for 2 m vials 25 per level, 11 levels | $680 \times 85 \times 85$ | 78213481 | 26,27 | -- | 4 | 8 | --- |
| rack for 2 mlv vials 25 per level, 13 levels | $800 \times 85 \times 85$ | 78214755 | 25 | 4 | -- | -- | -- |
| rack for 2 m vials 25 per level, 18 levels | $1100 \times 85 \times 85$ | 78221090 | 27 | -- | -- | -- | 8 |
| plus: drawer with grid for $25 \mathrm{pcs}, 2 \mathrm{ml} / 5 \mathrm{mlvials}$ | $50 \times 75 \times 75$ | 78202839 |  | 52 | 44 | 88 | 144 |
| or cryobox, grid $5 \times 5$ for $25 \mathrm{pcs}, 2 \mathrm{mlvials}$ | $52 \times 75 \times 75$ | 78212860 |  | 52 | 44 | 88 | 144 |
| maximum storage capacity for 2 ml vials $\varnothing 12 \mathrm{~mm}$ |  |  |  | 26,260 | 35,660 | 51,160 | 77,040 |
| c) rack for 5 mlvials in drawers 6 levels | $680 \times 140 \times 166$ | 77031480 | 26,27 | -- | 24 | 34 | -- |
| rack for 5 mlvials in drawers 7 levels | $800 \times 140 \times 166$ | 78215713 | 25 | 16 | -- | -- | -- |
| rack for 5 ml vials in drawers 10 levels | $1100 \times 140 \times 166$ | 78209913 | 27 | --- | -- | -- | 34 |
| plus: drawer with grid for $5 \mathrm{mlvials} 120 \mathrm{pss}, \varnothing 12 \mathrm{~mm}$ | $100 \times 132 \times 157$ | 77031483 |  | 112 | 144 | 204 | 340 |
| or drawer with grid for 5 mlvials 80 pes $\emptyset 14 \mathrm{~mm}$ | $100 \times 132 \times 157$ | 77031484 |  | 112 | 144 | 204 | 340 |
| d) rack for 5 m vials 25 per level, 6 levels | $680 \times 85 \times 85$ | 78215714 | 26,27 | -- | 4 | 8 | -- |
| rack for 5 m vials 25 per level, 7 levels | $800 \times 85 \times 85$ | 78215715 | 25 | 4 | -- | -- | -- |
| rack for 5 ml vials 25 per level, 10 levels | $1100 \times 85 \times 85$ | 78215716 | 27 | -- | -- | -- | 8 |
| plus: drawer with grid for $25 \mathrm{pcs} 2 \mathrm{ml} / 5 \mathrm{ml}$ vials | $50 \times 75 \times 75$ | 78202839 |  | 28 | 24 | 48 | 80 |
| maximum storage capacity for $5 \mathrm{ml} \mathrm{vials} \emptyset 12 \mathrm{~mm}$ |  |  |  | 14,140 | 17,880 | 25,680 | 42,800 |

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| Freezing bag rack <br> a) of aluminium with 40 levels <br> dimensions (HxW×D): <br> $715 \times 95 \times 165 \mathrm{~mm}$ | Freezing bag rack of aluminium with 45 levels <br> dimensions (HxWxD): <br> $800 \times 95 \times 165 \mathrm{~mm}$ |  |  | c) | Freezing bag rack of aluminium with 60 levels <br> dimensions (HxWxD): $1100 \times 95 \times 165 \mathrm{~mm}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Freezing Bags in Cassettes <br> Description | Dimensions <br> ( $\mathrm{H} \times \mathrm{W} \times \mathrm{D}$ ) [mm] | Aritic-No. | Layout | $\begin{aligned} & \text { BIOSAFE® } \\ & 500 \\ & \text { Capacity } \end{aligned}$ | $\begin{gathered} \text { BIOSAFE® } \\ \quad 600 \\ \text { Capacity } \end{gathered}$ | $\begin{aligned} & \text { BIOSAFE® } \\ & 1000 \\ & \text { Capacity } \end{aligned}$ | $\begin{aligned} & \text { BIOSAFE } \\ & \text { 1400 } \\ & \text { Capacity } \end{aligned}$ |
| a) rack for freeing bags in 40 levels | $715 \times 95 \times 165$ | 78215708 | 32,33 | --- | 36 | 52 | --- |
| b) rack for freeing bags in 45 levels | $800 \times 95 \times 165$ | 78215709 | 31 | 24 | -- | -- | -- |
| c) rack for freeing bags in 60 levels | $1100 \times 95 \times 165$ | 78215710 | 33 | -- | -- | -- | 52 |
| plus: Cassette for freeing bags 4R9951, CryMMACS 50 | $161 \times 85 \times 12$ | 77031514 |  | 1,080 | 1,440 | 2,080 | 3,120 |
| rack for 2 m l vials 25 per level, 11 levels | $680 \times 85 \times 85$ | 78213481 |  | -- | 2 | -- | -- |
| rack for 2 ml vials 25 per level, 13 levels | $800 \times 85 \times 85$ | 78214755 |  | 2 | -- | -- | -- |
| rack for 2 m v vial 25 per level, 18 levels | $1100 \times 85 \times 85$ | 78221090 |  | -- | -- | -- | -- |
| plus: drawer with grid for $25 \mathrm{pcs} 2 \mathrm{ml} / 5 \mathrm{mlvials}$ | $50 \times 75 \times 75$ | 78202839 |  | 26 | 22 | -- | -- |
| Or cryobox grid $5 \times 5$ for 25 pcs, 2 mivials | $52 \times 75 \times 75$ | 78212860 |  | 26 | 22 | -- | -- |
| maximum storage capaity for freeing bags 4R9951, CryoMACs 50 |  | 77031514 |  | 1,080 | 1,440 | 2,080 | 3,120 |
| plus: maximum storage capacity for 2 ml vials $\emptyset 12 \mathrm{~mm}$ |  |  |  | 650 | 550 | --- | --- |

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Freezing bag rack
of aluminium
of aith 2 levels
dimensions ( $\mathrm{HxW} \times \mathrm{D}$ )
$680 \times 140 \times 166 \mathrm{~mm}$
of aluminium with 3 levels
dimensions (HxWxD): $1100 \times 140 \times 166 \mathrm{~mm}$

## Racks of aluminium for SBS racks

a) without locking
$620 \times 89 \times 130 \mathrm{~mm} / 800 \times 89 \times 130 \mathrm{~mm} /$
$1100 \times 89 \times 130 \mathrm{~mm}$
b) with spring clips
$620 \times 89 \times 130 \mathrm{~mm} / 800 \times 89 \times 130 \mathrm{~mm} /$
$1100 \times 89 \times 130 \mathrm{~mm}$
$1100 \times 89 \times 130 \mathrm{~mm}$

| SBS Racks ( $127.76 \times 85.48$ ) in Racks Without Locking or with Spring Clips in Each Level or with Levels and Clamps <br> Description | Dimensions <br> (HxW×D) [mm] | ArticleNo. | Layout | $\begin{aligned} & \text { BIOSAFE® } \\ & 500 \\ & \text { Capacity } \end{aligned}$ | $\begin{aligned} & \text { BIOSAFE® } \\ & \quad 600 \\ & \text { Capacity } \end{aligned}$ |  | $\begin{aligned} & \text { BIOSAEE } \\ & 1400 \\ & \text { Capacity } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a) rack for SBS racks ( $20-30 \mathrm{~mm}$ high) 21 levels, without locking | $680 \times 89 \times 130$ | * | 38,39 | -- | 48 | 72 | -- |
| rack for SBS racks ( $30-40 \mathrm{~mm}$ high) 161 levels, without locking | $680 \times 89 \times 130$ | * | 38,39 | -- | 48 | 72 | -- |
| rack for SBS racks (40-62 mm high) 10 levels, without locking | $680 \times 89 \times 130$ | * | 38,39 | -- | 48 | 72 | -- |
| rack for SBS rack ( $20-30 \mathrm{~mm}$ high) 24 levels, without locking | $800 \times 89 \times 130$ | * | 37 | 30 | -- | -- | -- |
| rack for SBS racks ( $30-40 \mathrm{~mm}$ high) 18 levels, without locking | $800 \times 89 \times 130$ | * | 37 | 30 | -- | -- | -- |
| rack for SBS racks ( $40-62 \mathrm{~mm}$ high) 12 levels, without locking | $800 \times 89 \times 130$ | , | 37 | 30 | -- | -- | -- |
| rack for SBS racks (20-30 mm high) 12 levels, without locking | $1100 \times 89 \times 130$ | * | 39 | -- | -- | -- | 72 |
| rack for SBS racks ( $30-40 \mathrm{~mm}$ high) 26 levels, without locking | $1100 \times 89 \times 130$ | * | 39 | -- | -- | -- | 72 |
| rack for SBS racks (40-62 mm high) 17 levels, without locking | $1100 \times 89 \times 130$ | * | 39 | -- | -- | -- | 72 |
| b) rack for SBS racks ( $20-30 \mathrm{~mm}$ high) 21 levels, with spring clips | $680 \times 89 \times 130$ | * | 38,39 | -- | 48 | 72 | -- |
| rack for SBS racks ( $30-40 \mathrm{~mm}$ high) 16 levels, with spring clips | $680 \times 89 \times 130$ | * | 38,39 | -- | 48 | 72 | -- |
| rack for SBS racks ( $40-62 \mathrm{~mm}$ high) 10 levels, with spring lips | $680 \times 89 \times 130$ | * | 38,39 | -- | 48 | 72 | -- |
| rack for SBS racks ( $20-30 \mathrm{~mm}$ high) 24 levels, with spring dips | $800 \times 89 \times 130$ | * | 37 | 30 | -- | -- | -- |
| rack for SBS racks ( $30-40 \mathrm{~mm}$ high) 18 levels, with spring lips | $800 \times 89 \times 130$ | * | 37 | 30 | -- | -- | -- |
| rack for SBS racks ( $40-62 \mathrm{~mm}$ high) 12 levels, with spring dips | $800 \times 89 \times 130$ | * | 37 | 30 | -- | -- | -- |
| rack for SBS racks ( $20-30 \mathrm{~mm}$ high) 12 levels, with spring lips | $1100 \times 89 \times 130$ | * | 39 | -- | -- | -- | 72 |
| rack for SBS racks ( $30-40 \mathrm{~mm}$ high) 26 levels, with spring lips | $1100 \times 89 \times 130$ | * | 39 | -- | -- | -- | 72 |
| rack for SBS racks ( $40-62 \mathrm{~mm}$ high) 17 levels, with spring lips | $1100 \times 89 \times 130$ | * | 39 | -- | -- | -- | 72 |

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For Storage of Vials / Cryotubes in Boxes / Racks in SBS Format (Description: Maxtrixbox / Wellplate / Microtiterplates) with the Basic Dimensions $=127.76 \times 85.48 \mathrm{~mm}$

For Storage of Straws ( $0.25 \mathrm{ml} / 0.5 \mathrm{ml}$ ) in Flat Cassettes / Goblets

## Racks of aluminium for SBS racks

C) with pivoting drawer bar
$620 \times 89 \times 145 \mathrm{~mm}$
$800 \times 89 \times 145 \mathrm{~mm}$
$1100 \times 89 \times 145 \mathrm{~mm}$

Canister of aluminium for goblets
with lifter
$\varnothing 70 \times 620 \mathrm{~mm}$

Canister of aluminium for goblets
with lifter $\varnothing 70 \times 800 \mathrm{~mm}$

Canister of aluminium for goblets
with lifter $\varnothing 70 \times 1100 \mathrm{~mm}$

| SBS Racks (127.76 $\times 85.48$ ) in Racks Without Locking or with Spring Clips in Each Level or with Levels and Clamps <br> Descripion | Dimensions <br> (H xWxD) <br> [mm] | ArticleNo. | Layout | $\begin{gathered} \text { BIOSAEE® } \\ 500 \\ \text { Capacity } \end{gathered}$ | $\begin{gathered} \text { BIOSAEE® } \\ 600 \\ \text { Capacity } \end{gathered}$ | $\begin{gathered} \text { BIOSAFEO } \\ 1000 \\ \text { Capaciy } \end{gathered}$ | $\begin{aligned} & \text { BIOSAFE }^{\oplus} \\ & 1400 \\ & \text { Capacity } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C) rack for SBS racks ( $20-30 \mathrm{~mm}$ high), 18 levels, with pivoting drawer bar | $680 \times 89 \times 145$ | * | 41,42 | -- | 42 | 64 | -- |
| rack for SSS rack ( $30-40 \mathrm{~mm}$ high), 141 levels, with pivoting drawer bar | $680 \times 89 \times 145$ | * | 41,42 | -- | 42 | 64 | -- |
| rack for SBS racks ( $40-62 \mathrm{~mm}$ high), 9 levels, with pivoting drawer bar | $680 \times 89 \times 145$ | * | 41,42 | -- | 42 | 64 | -- |
| rack for SBS racks ( $20-30 \mathrm{~mm}$ high), 21 levels, with pivoting drawer bar | $800 \times 89 \times 145$ | * | 40 | 28 | -- | -- | -- |
| rack for SSS rack ( $30-40 \mathrm{~mm}$ high), 17 l levels, with pivoting drawer bar | $800 \times 89 \times 145$ | * | 40 | 28 | -- | -- | -- |
| rack for SBS racks ( $40-62 \mathrm{~mm}$ high), 11 levels, with pivoting drawer bar | $800 \times 89 \times 145$ | * | 40 | 28 | -- | -- | -- |
| rack for SBS racks ( $20-30 \mathrm{~mm}$ high), 30 levels, with pivoting drawer bar | $1100 \times 89 \times 145$ | * | 42 | -- | -- | -- | 64 |
| rack for SBS racks ( $30-40 \mathrm{~mm}$ high), 23 levels, with pivoting drawer bar | $1100 \times 89 \times 145$ | * | 42 | -- | -- | -- | 64 |
| rack for SBS racks (40-62 mm high), 16 levels, with pivoting drawer bar | $1100 \times 89 \times 145$ | * | 42 | -- | -- | -- | 64 |


| Straws in Canisters <br> Description | Dimension <br> ( $\varnothing \times H$ ) <br> [mm] | Article-No. | Layout | $\begin{gathered} \text { BIOSAFE® } \\ 500 \\ \text { Capacity } \end{gathered}$ | $\begin{aligned} & \text { BIOSAFE } \\ & 600 \\ & \text { Capacity } \end{aligned}$ | $\begin{aligned} & \text { BIOSAFE® } \\ & \text { 1000 } \\ & \text { Capacity } \end{aligned}$ | $\begin{aligned} & \text { BIOSAEE® } \\ & \text { 1400 } \\ & \text { Capaciy } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a) canister for goblets with lifter 620 mm high, max. 4 goblets | ø70 6220 | 78213016 | 44,45 | -- | 120 | 212 | -- |
| b) canister for goblets with lifter 800 mm high, max. 5 goblets | $070 \times 800$ | 78215719 | 43 | 100 | -- | -- | -- |
| c) canister for goblets with lifter 1100 mm high, max. 7 goblets | ¢70 11100 | 78215720 | 45 | -- | -- | -- | 212 |
| plus: goblets diameter $65 \mathrm{~mm}, 120 \mathrm{~mm} \mathrm{high}$ | $\varnothing 65 \times 120$ | 78212792 |  | 500 | 480 | 848 | 1,484 |
| maximum storage capacity for straws 0.25 ml |  |  |  | 280,000 | 268,800 | 474,880 | 831,040 |
| maximum storage capacity for straws 0.5 ml |  |  |  | 105,000 | 100,800 | 178,880 | 311,640 |

Explanatory note: 1 goblet ( $065 \times 120 \mathrm{~mm}$ ) contains max. 560 pcs 0.25 ml straws or max. 210 pcs 0.5 ml straws

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Cassettes with various locks


Frame for cryotubes and cassettes


Racks for packages and boxes


Further variations are possible. Please contact us to discuss your requirements.


## NITROGEN VESSELS

APOLLO® LIN Supply and Storage Vessel（ $50-350 \mathrm{I}) \cdot$ JUNO ${ }^{\circledR}$ LIN Supply and Storage Vessel（30 I）
SIRIUS® LIN Supply and Storage Vessel（1，000－2，000 I）• SATURN® LIN Transport Vessel（50－300 I）
MERKUR® LIN Transport Tank（ $500-3,000 \mathrm{I}$ ）• STELLA® Working Dewar（ $0.5-10,000 \mathrm{I}$ ）• LAB® Dewar Series（4－50 I）


BIOSAFE ${ }^{\oplus}$ SYSTEMS／LIFE SCIENCE
BIOSAFE ${ }^{\oplus}$ MD B Sample Storage System（Medical Product）（ $120-1,400$ I）• BIOSAFE ${ }^{\oplus}$ SC B Sample Storage System（ $120-1,400$ I） BIOSAFE－CONTROL® B • CRYO－MESSENGER ${ }^{\circledR}$ Remote Monitoring System • BIOSAFE ${ }^{\circledR}$ X／S－Series • Vapor Shipper
STELLA ${ }^{\oplus}$ Working Dewar（0．5－10，000 I）• Controlled Rate Freezers（3．3－16I）


## BIOSAFE ${ }^{\circledR}$ RACK－SYSTEMS

Racks • Drawers and Cryoboxes for Vials • Canisters for Straws in Goblets • SBS Boxes（Microtiter） Cassettes for Freezing Bags


## HELIUM VESSELS

HELIOS® LHe Storage Vessel（ 100 －15，000 I）
STRATOS® LHe Transport Vessel（ $100-1,000 \mathrm{I}$ ）－LHe Siphon


## OTHER VESSELS

HYDROS® LH Transport Vessel（ 1,000 －15，000 I）• STRATOS ${ }^{\circledR}$ Transport Vessel（ $100-1,000$ I）
APOLLO® Supply and Storage Vessel（ $50-350 \mathrm{I}$ ）• MERKUR® ${ }^{\circledR}$ Transport Tank（ $500-3,000 \mathrm{I}$ ）


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## Cryotherm ${ }^{\circ}$

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