ANIMA LAB
animal facility and laboratory equipment • animal research models

Equipment for conventional housing: cages, lids, racks, bottles, cups

www.animalab.pl/en

We help discover new opportunities

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SMALL LAB ANIMAL HOUSING

We cooperate with suppliers of a wide range of housing products for the laboratory animal market. Next to our standard line of housing products, our suppliers have a very succesfull engineering department which is constantly working to improve the quality of the products and integrating specific customer needs into "standard" products.

Plastic cages are made of top quality plastics. The cages can be cleaned in an autoclave, are fully transparent and non-fading. The use of this type of cage has already become a byword in the trade...

Choise of material for plastic cages

If you have to make the choise between polycarbonate or polysulphone cages purely for a costs point of view, you have to consider that the difference in costs between polycarbonate and polysulphone is 1:3. Therefore an investment in polysulphone can be justified if the lifetime of polysulphone is three times longer than the lifetime of polycarbonate. With a polycarbonate cage lifetime of about a 2 years, switching to polysulphone will start to be economically justified after six years. This can be considered a healthy investment. However if your lifetime of polycarbonate cages is 5 years, polysulphone will only become economical after 15 years. This is to be considered a riskfull investment due to new developments in the industry.

General guidelines about washing and sterilization

Polycarbonate

In the sterilization of animal cages made from polycarbonate the material may be damaged if there are alkaline cleaner residues or dried-on softened water on the surface. Consequently, any such residues must be completely removed by rinsing with fresh, alkali free water. The use of an acid rinse aid could prevent attack on the material. If soiled cages are autoclaved before cleaning, polycarbonate will be damaged.

Polycarbonate drinking bottles are generally cleaned using an acid cleaning process and finally rinsed well. Since the bottles are, as a rule, filled with water immediately after cleaning, the use of rinse aids is not required.

Polysulphone

Animal cages made from polysulphone are chemically more resistant than those made from polycarbonate and hence even allow autoclaving with soiled litter. Nevertheless, rinse cleaners should carefully be selected. Through the action of certain surfactants frequently used in cleaners and rinse aids, damage in the form of stress cracks can occur after autoclaving.

Washing

Use softened water.
Plastic cages should be washed at a temperature of max. 55˚C. Rinsing and neutralising during a short period of time can be done at about 80˚C.
Eventhough alkaline detergents are more effective in removing organic residues, when in contact with polycarbonate they will cause corrosions or hydrolysis. Therefore, if used, thorough neutralizing is necessarry.

Acid detergents can be used if urine or hard water scaling is a problem. Mostly there is no need to neutralize them.
Alkali detergents should not be used in case of hand washing, especially if sinking the cages in a presoak tank.

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PLASTIC CAGES & WIRE LIDS

Autoclaving

Make sure no detergent and rinse aids residues are left on the surface; the autoclaving process will cause the residue to be baked on, which can cause chemical damage and loss in clarity of the material.
Use as short as autoclave cycle as possible. Minimum exposure of 20 minutes at 121˚C is recommended. Do not stack more than 10 cages.
If you choose not to wash the cages before autoclaving, you must be aware that the left diet and bedding material could release damaging substances when heated. This could cause cracking of the plastic. If you need to autoclave cages with bedding inside, use high quality bedding.

Disinfection

Do not heat cages or bottles that contain disinfectant residue.
Check with the supplier/manufacturer of the disinfectant regarding the use of the disinfectant on plastic cages. * This information is a guideline only, based on generally available information.

* Heat- and chemical resistance of polycarbonate and polysulfone material*

	Autoclavable at	Max. Heat level	Transparency	Sterilisation				
				Auto-clave	Radiation	Gas	Dry Heat	Disin-fect.
PC	120˚C	138˚C	Clear	√	√	√	X	√
PSU	134˚C	165˚C	Clear	√	√	√	X	√

- Max. heat levels: at this temperature a solid piece of plastic will deflect under a pressure of 66psi. Therefore it is not recommended to expose animal cages to these temperatures.
- Autoclaving: during 20 minutes at 120˚C. It is highly recommended to clean and rinse the cages with softened water before autoclaving to prevent certain chemicals effecting the plastic during the autoclaving process.
- Radiation: gamma irradiation at 25 kGy
- Gas: Ethylene Oxide, Hydrogen Peroxide, Formaldehyde
- Disinfect: Formalin, Ethanol, Formaldehyde, Benzalkonium Chloride

* This information is a guideline only, based on generally available information.

Chemical Resistance	Acids Dilute or weak	Bases	Esters	Oxidant Agents, strong
PC	Excellent	Not recommended	Not recommended	Not recommended
PSU	Excellent	Not recommended	Not recommended	Not recommended

- Excellent: no damages after 30days of constant exposure.
- Not recommended: Immidiate damage may occur; severe crazing, cracking, loss of strenght, discoloration and deformation.

* This information is a guideline only, based on generally available information.

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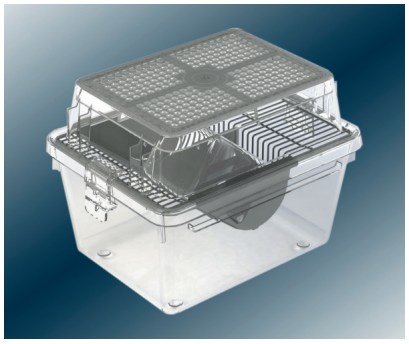
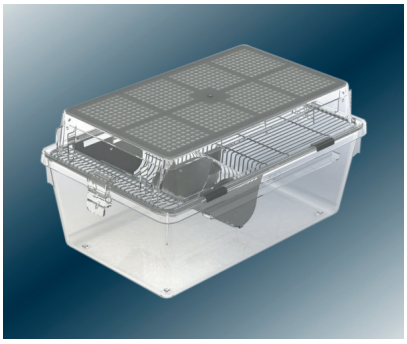
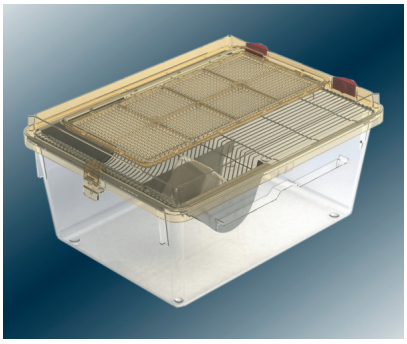
MICRO-ISOLATOR SYSTEM / FILTERTOPCAGES

The cage and filtertop system has been developed for two purposes:
1. to protect animals during transport
2. to create a micro isolator

1. By placing a filtertop on the animal cages during any kind of transport, the animals can be protected against contamination from the outside environment.
2. The cage and filtertop unit can be regarded as a micro isolator in which animals can be held permanently. It is a simple alternative to the complex barrier room system creating the barrier at cage level.

Such an unit offers the following advantages;
- Animals from different sources with different microbiological profiles can be maintained in the same room without cross contamination;
- Investigators can experimentally infect animal with a variety of microbial agents in the same room without interfering with one anothers research;
- Many different species of animals can be maintained on study within the same room;
- There is no need for a clean/dirty corridor system;
- Personnel do not have to shower into or out of the room;
- Personnel with animal allergies can work in comfort;
- Animals housed in micro isolator units are not only protected from contamination of other lab animals, but are also protected against contamination by people.

The filtertop is made of polycarbonate or polysulphone; can be washed and is autoclavable in the same way as the polycarbonate or polysulphone cages. The filtersheet is made of polyester, can be washed and is autoclavable, but has to be replaced after approx. 10 times of utilisation.

The cage and filtertop unit protects the animal it houses by relying upon a cvlassic Petri Dish like effect; the filtertop overlaps the cage. This results in protection against microbial contamination while allowing for gaseous exchange.

To effectively maintain the isolation of the animals at all times, cages must be opened and serviced within a Class 100 work bench and aseptically supplied with sterile or pasteurised food, bedding and water.

Further notes:
Filtertops can be delivered with or without clips to prevent undesired removal of the top.
The wirelids are placed on the rim of cage and the filtertop is placed over it.
Raised wire lids are also available for the type III filtertops.

A special label holder is developed to put on the front of the filtertop. Available for both type II and type III filtertops.
Both filtertops and cages can be stacked easily.

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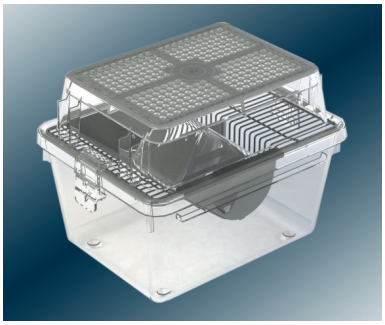
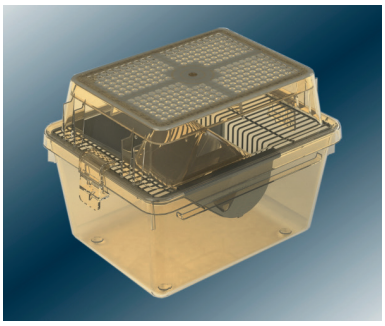
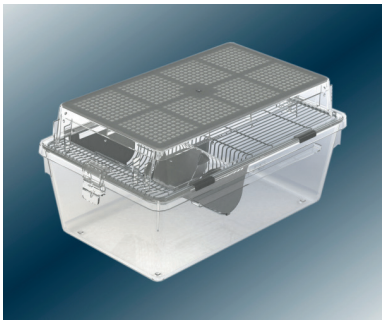
MICRO-ISOLATOR SYSTEM / FILTERTOPCAGES



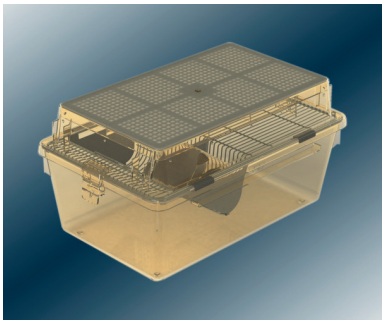
Filtertopcage Type II	
Ordering number	031200260
Polycarbonate cage type II	031200129
Polycarbonate filtertop complete	031200261C
S.s. wire lid type IIS FK	030100270



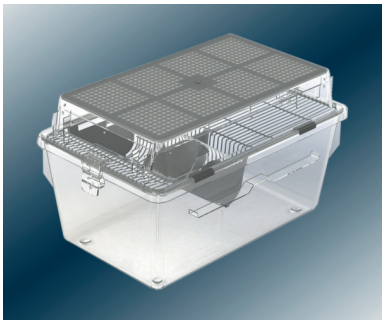
Filtertopcage Type II	
Ordering number	031200260U
Polysulphone cage type II	031200129U
Polysulphone filtertop complete	031200261UC
S.s. wire lid type IIS FK	030100270



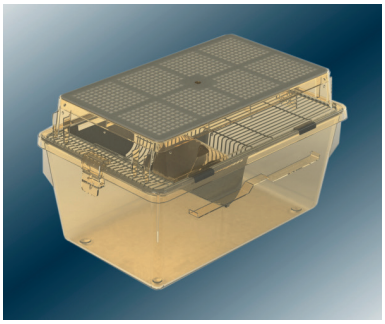
Filtertopcage Type III	
Ordering number	031200230
Polycarbonate cage type III	031200256
Polycarbonate filtertop complete	031200231C
S.s. wire lid type IIIS FK	030100245



Filtertopcage Type III	
Ordering number	031200230U
Polysulphone cage type III	031200256U
Polysulphone filtertop complete	031200231UC
S.s. wire lid type IIIS FK	030100245



Filtertopcage Type III H	
Ordering number	031200230H
Polycarbonate cage type III H	031200133
Polycarbonate filtertop complete	031200231C
S.s. wire lid type IIIS FK	030100245



Filtertopcage Type III H	
Ordering number	031200230HU
Polysulphone cage type III H	031200205
Polysulphone filtertop complete	031200231UC
S.s. wire lid type IIIS FK	030100245

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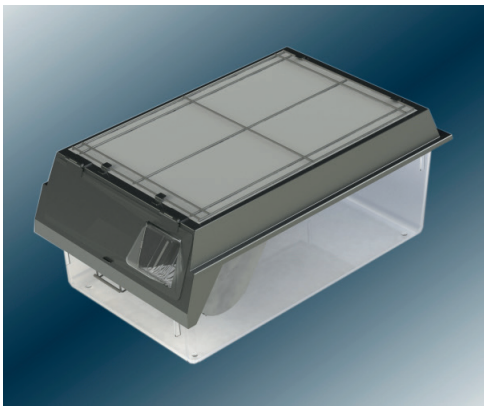
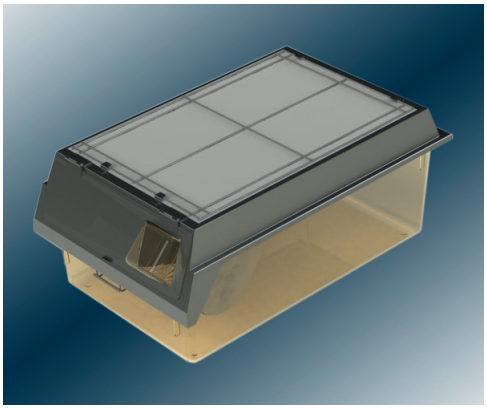
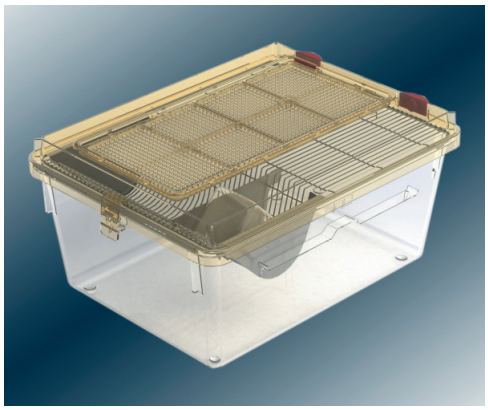


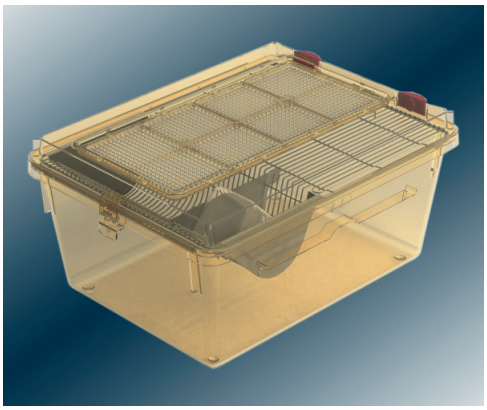
Filtertopcage type IV	
Ordering number	031200270
Polycarbonate cage type IV	031200126
Stainless Steel filtertop complete	031200271



Filtertopcage type IV	
Ordering number	031200270U
Polysulphone cage type IV	031200126U
Stainless Steel filtertop complete	031200271



Filtertopcage type IVS	
Ordering number	031200290
Polycarbonate cage type IVS	031200135
Polysulphone filtertop complete	031200291C
S.s. wire lid type IVS FK	030100273



Filtertopcage type IVS	
Ordering number	031200290U
Polysulphone cage type IVS	031200135U
Polysulphone filtertop complete	031200291C
S.s. wire lid type IVS FK	030100273

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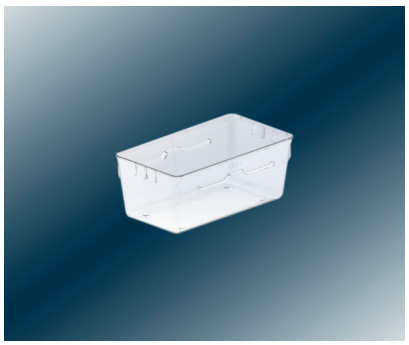
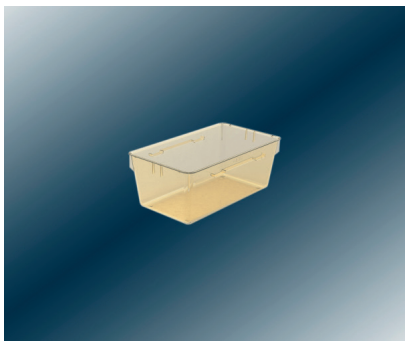
SMALL LAB ANIMAL HOUSING - CAGES

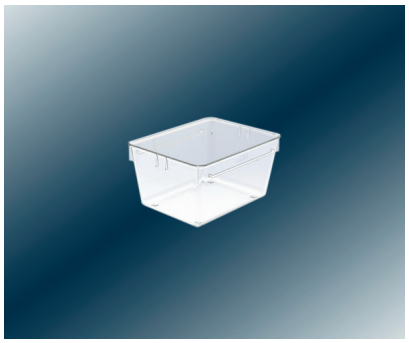
Cage Type I	
Dimensions Bottom	204 x 100 mm
Dimensions Top	235 x 150 mm
Floor area	204 cm²
Height	130mm
Weight	297 gr
Polycarbonate	031200123
Polysulphone	Not Available
Note: only without stacking nobs	

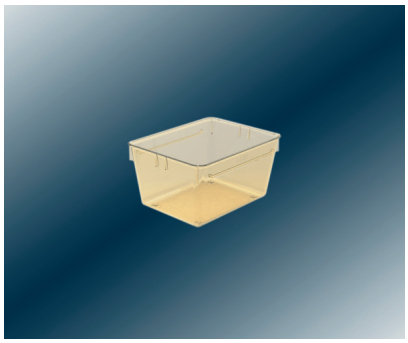
Cage Type I L (I Long)	
Dimensions Bottom	300 x 120 mm
Dimensions Top	332 x 150 mm
Floor area	360 cm²
Height	130 mm
Weight	465 gr
Polycarbonate	031200134
Polysulphone	031200134U
Note: PC also available without stacking nobs 031200131	



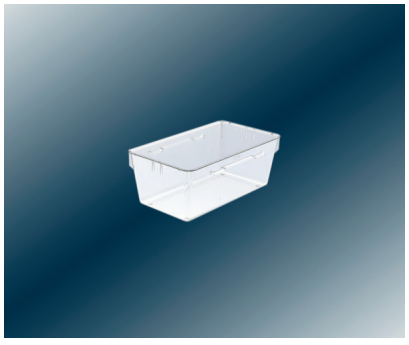


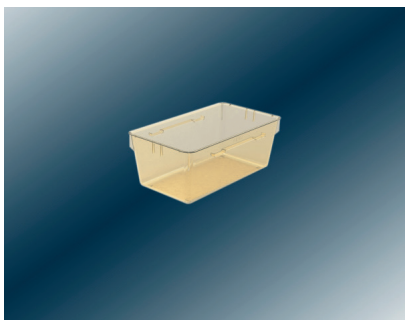
Cage Type II	
Dimensions Bottom	225 x 167 mm
Dimensions Top	267 x 208 mm
Floor area	375 cm²
Height	140 mm
Weight	485 gr
Ordering number	
Polycarbonate	031200129
Polysulphone	031200129U
Note: PC also available without stacking nobs 031200124	





Cage Type II L (II Long)	
Dimensions Bottom	325 x 170 mm
Dimensions Top	345 x 180 mm
Floor area	553 cm²
Height	140 mm
Weight	611 gr
Ordering number	
Polycarbonate	031200200
Polysulphone	031200200U
Note: only available with stacking nobs	





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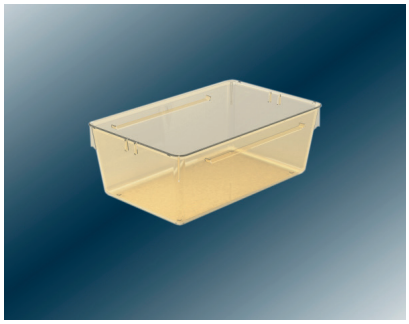
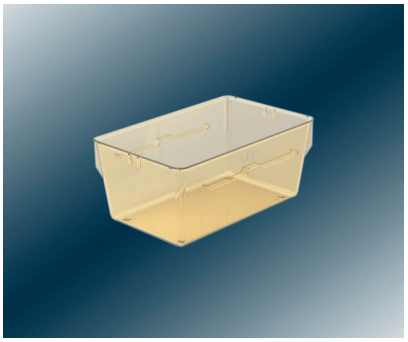
SMALL LAB ANIMAL HOUSING - CAGES

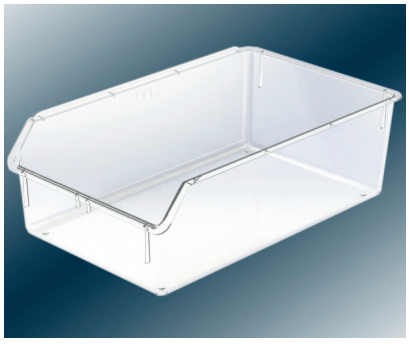


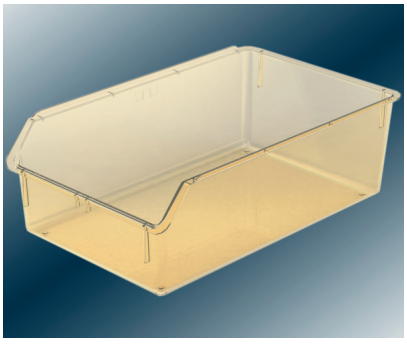
Cage Type III	
Dimensions Bottom	382 x 220 mm
Dimensions Top	427 x 267 mm
Floor area	840 cm^2
Height	150 mm
Weight	975 gr
Ordering number	
Polycarbonate	031200256
Polysulphone	031200256U
Note: PC also available without stacking nobs 031200125	



Cage Type III H	
Dimensions Bot-tom	378 x 217mm
Dimensions Top	427 x 267mm
Floor area	820cm^2
Height	180mm
Weight	1.165gr
Ordering number	
Polycarbonate	031200133
Polysulphone	031200205
Note: PC also available without stacking nobs 031200132	

Cage Type IVS	
Dimensions Bot-tom	439 x 319 mm
Dimensions Top	500 x 380 mm
Floor area	1 400 cm^2
Height	208 mm
Weight	1 910 gr
Ordering number	
Polycarbonate	031200135
Polysulphone	031200135U
Note: only available with stacking nobs	





Cage Type IV	
Dimensions Bot-tom	556 x 334 mm
Dimensions Top	600 x 380 mm
Floor area	1 875 cm^2
Height	195 mm
Weight	2 150 gr
Ordering number	
Polycarbonate	031200126
Polysulphone	031200126U
Note: only available with stacking nobs	

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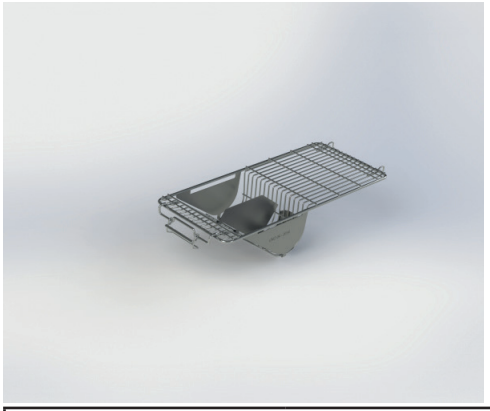
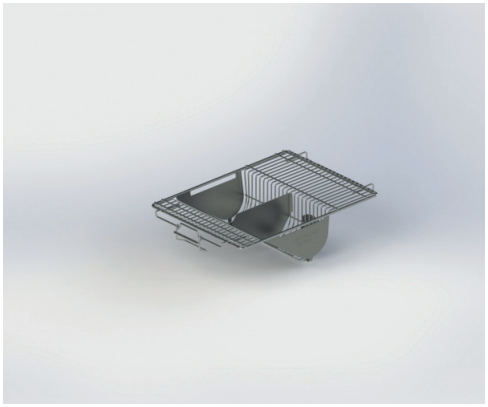
SMALL LAB ANIMAL HOUSING - WIRE LIDS

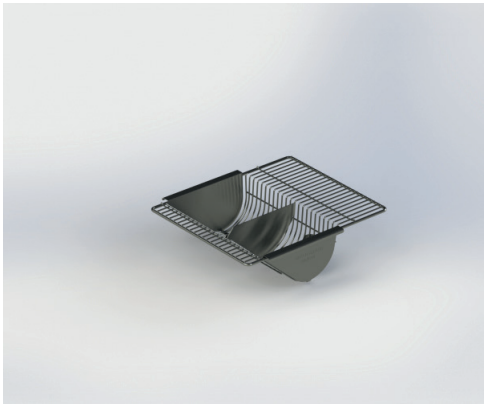
Wire lid type I *only on special demand	
Ordering number	030100061
Material	Stainless steel
Dividing panel optional	
Ordering number dividing panel	030100062



Wire lid type I LS	
Ordering number	030100355
Material	Stainless steel
With integrated dividing panel and drinking plate	



Wire lid type IIS	
Ordering number	030100159
Material	Stainless steel
With integrated dividing panel and drinking plate	



Wire lid type IIS FK	
Ordering number	030100270
Material	Stainless steel
With integrated dividing panel and drinking plate	
For use with UNO Filtertop type II	

Wire lid type II LS	
Ordering number	030100375
Material	Stainless Steel
With integrated dividing panel and drinking plate	

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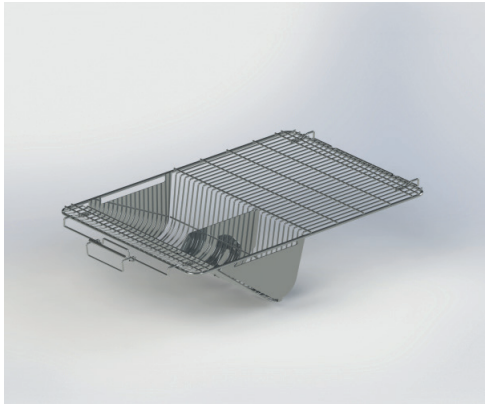
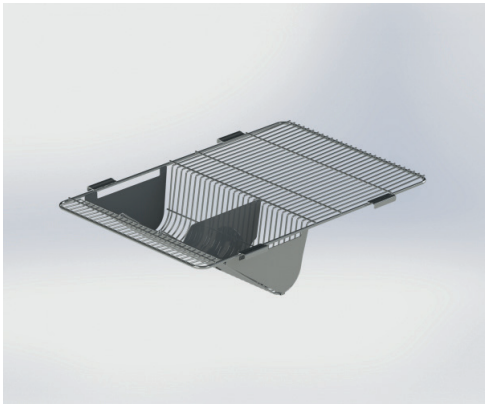
SMALL LAB ANIMAL HOUSING - WIRE LIDS

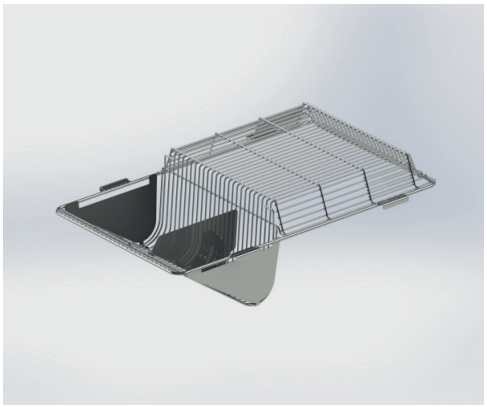


Wire lid type IIIS	
Ordering number	030100240
Material	Stainless steel
With integrated dividing panel and drinking plate	



Wire lid type IIIS FK	
Ordering number	030100245
Material	Stainless steel
With integrated dividing panel and drinking plate	
For use with UNO Filtertop type III	

Wire lid type IIIH - 50 mm raised	
Ordering number	030100160
Material	Stainless steel
Dividing panel optional	
Ordering number dividing panel	030100056



Wire lid type IIIS FK - 30 mm raised	
Ordering number	030100238
Material	Stainless steel
With integrated dividing panel and drinking plate	
For use with UNO Filtertop type III	

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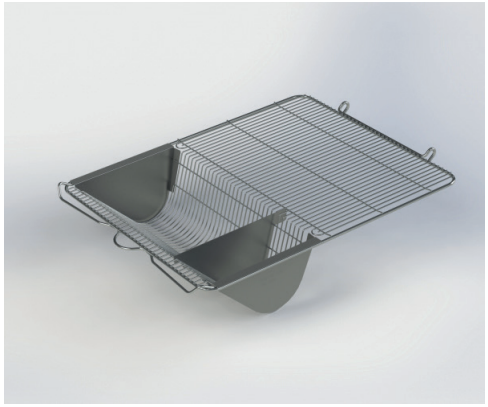
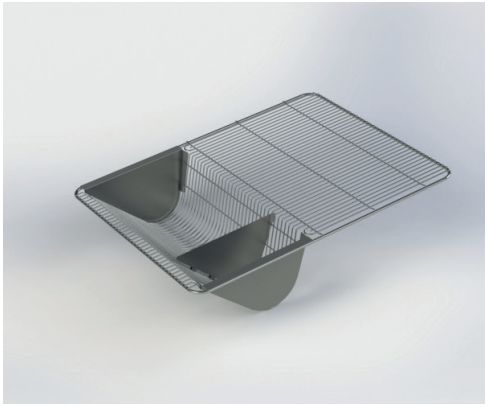
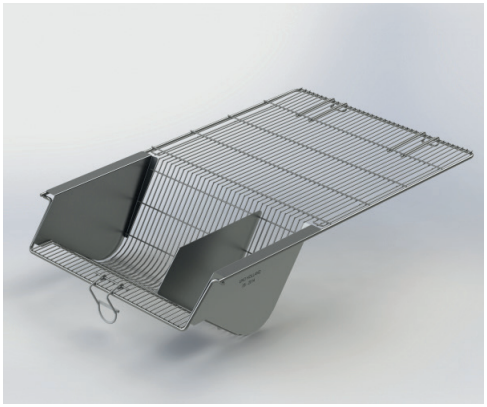
SMALL LAB ANIMAL HOUSING - WIRE LIDS



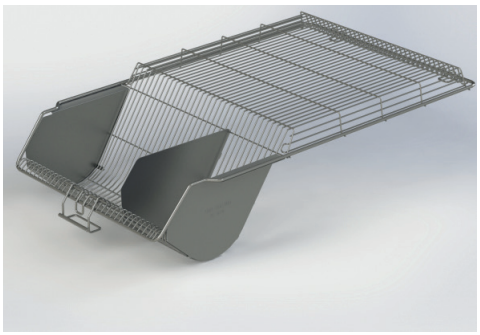
Wire lid type IVS	
Ordering number	030100173
Material	Stainless steel
Dividing panel optional	
Ordering number dividing panel	030100065



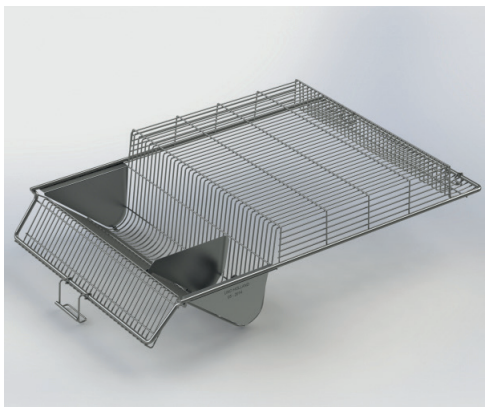
Wire lid type IVS FK	
Ordering number	030100273
Material	Stainless steel
Dividing panel optional	
Ordering number dividing panel	030100065



Wire lid type IV	
Ordering number	030100070
Material	Stainless steel
Dividing panel optional	
Ordering number dividing panel	030100077



Wire lid type IV H - 30 mm raised	
Ordering number	030100079
Material	Stainless steel
Dividing panel optional	
Ordering number dividing panel	030100077



Wire lid type IV H - 50 mm raised	
Ordering number	030100171
Material	Stainless steel
Dividing panel optional	
Ordering number dividing panel	030100076

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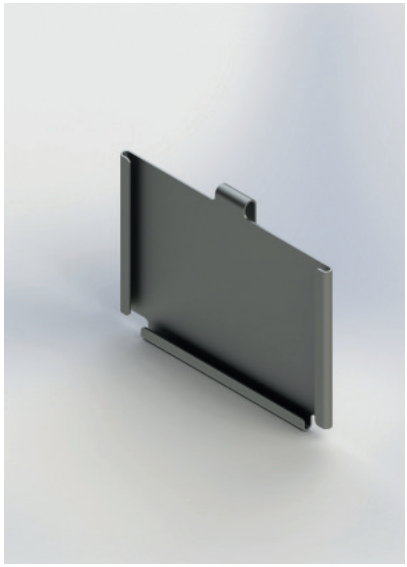
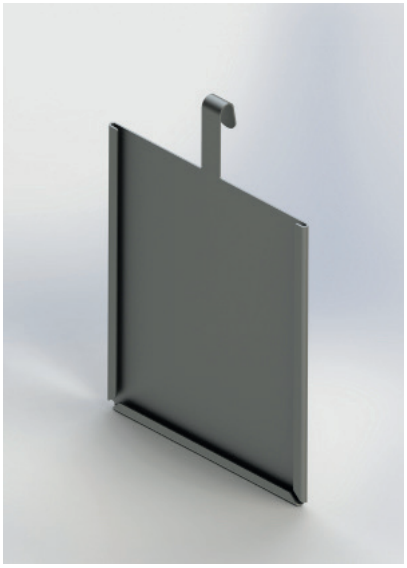
LABEL HOLDERS

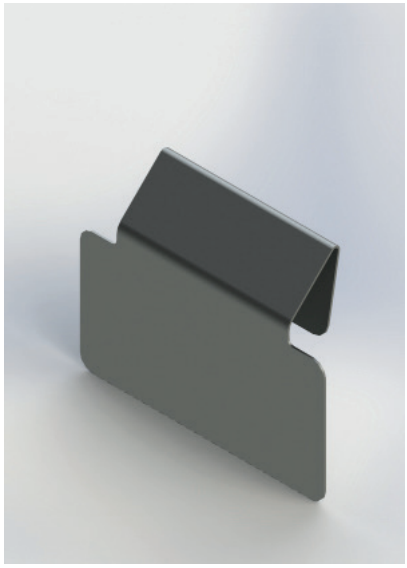
Label holder DIN A7	
Ordering number	030100257
Dimensions	74 x 105 mm
Material	Stainless steel



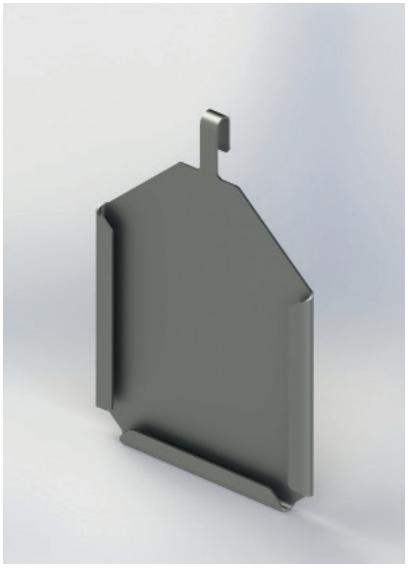
Label holder DIN A7	
Ordering number	030100257K
Dimensions	74 x 105 mm
Material	Stainless steel



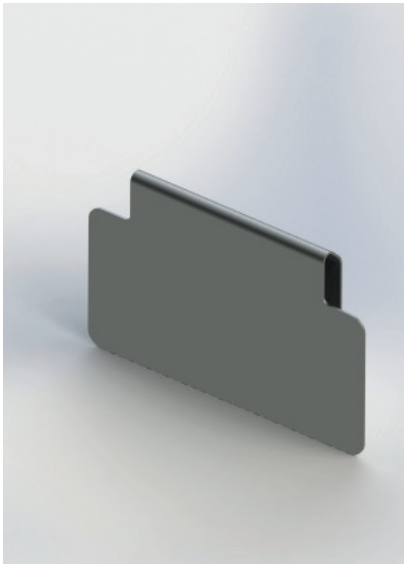
Label holder DIN A6	
Ordering number	030100181
Dimensions	105 x 148 mm
Material	Stainless steel



Label holder 100 x 50 mm	
Ordering number	030100900
Dimensions	100 x 50 mm
Material	Stainless steel



Label holder 75 x 105 mm	
Ordering number	030100901
Dimensions	75 x 105 mm
Material	Stainless steel



Label holder 100 x 50	
Ordering number	030100902
Dimensions	100 x 50 mm
Material	Stainless steel

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DRINKING BOTTLES - POLYCARBONATE

Drinking bottle 200ml	
Ordering number	051200431
Dimensions	H 108 mm x Ø 55 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polycarbonate

Drinking bottle 250 ml	
Ordering number	051200532
Dimensions	H 128 mm x Ø 55 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polycarbonate

Drinking bottle 300 ml	
Ordering number	051200432
Dimensions	H 144 mm x Ø 56 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polycarbonate

Drinking bottle 300 ml	
Ordering number	051200031
Dimensions	H 134 mm x Ø 61 mm
Suitable for	Neoprenstopper
Material	Polycarbonate

Drinking bottle 400 ml	
Ordering number	051200134
Dimensions	H 120 mm x Ø 72 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polycarbonate

Drinking bottle 750 ml	
Ordering number	051200232
Dimensions	H 180 mm x Ø 72 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polycarbonate

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DRINKING BOTTLES - POLYSULPHONE

Drinking bottle 200 ml	
Ordering number	051200434
Dimensions	H 108 mm x Ø 55 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polysulphone

Drinking bottle 250 ml	
Ordering number	051200531
Dimensions	H 128 mm x Ø 55 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polysulphone

Drinking bottle 400 ml	
Ordering number	051200234
Dimensions	H 144 mm x Ø 56 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polysulphone

Drinking bottle 500 ml	
Ordering number	051200233
Dimensions	H 184 mm x Ø 68 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polysulphone

Drinking bottle 750 ml	
Ordering number	051200332
Dimensions	H 180 mm x Ø 72 mm
Suitable for	S.s. drinking caps Neoprenstopper
Material	Polysulphone

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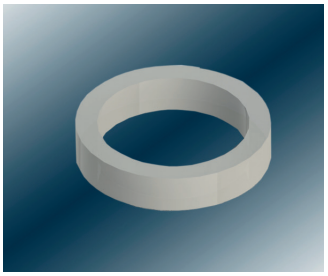
DRINKING CAPS, RINGS & NEOPRENSTOPPERS

Drinking cap - mouse/rat	
Ordering number	050100347
Shape	Straight
Material	Stainless steel
Valve LxØ	25*6 mm

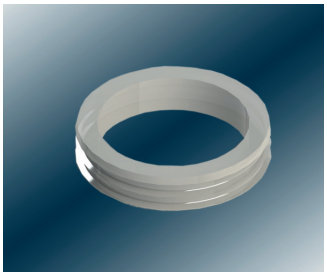
Drinking cap - mouse/rat	
Ordering number	050100335
Shape	Straight
Material	Stainless steel
Valve LxØ	40*6 mm

Drinking cap - mouse	
Ordering number	050100030
Shape	Peaked
Material	Stainless steel

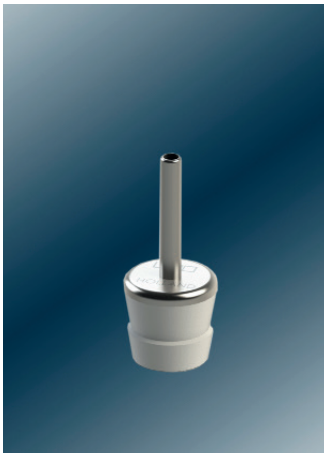
Drinking cap - rabbit	
Ordering number	050100249
Shape	Bent
Material	Stainless steel
Valve LxØ	100*8 mm



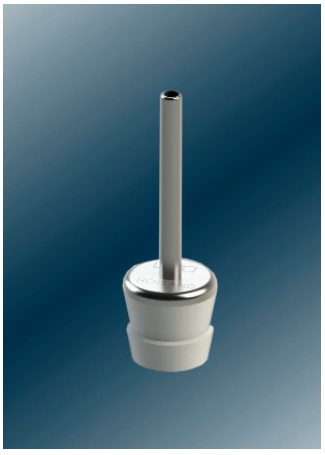
Rings to be used with the caps	
Ordering number	052400023
Material	Silicone
Shape	Solid



Rings to be used with the caps	
Ordering number	052400024
Material	Silicone
Shape	Ribbed



Stopper with drinking valve for mouse/rat	
Ordering number	050100016
Valve Type	TD100
Shape	Straight
Material Valve	Stainless steel
Material stopper	Rubber with s.s. protecti-on sheet
Valve LxØ	48*8 mm



Stopper with drinking valve for mouse/rat	
Ordering number	050100017
Valve Type	TD101
Shape	Straight
Material Valve	Stainless steel
Material stopper	Rubber with s.s. protecti-on sheet
Valve LxØ	74*8 mm

Stopper with drinking valve for rabbit	
Ordering number	050100020
Valve Type	TD201
Shape	Bent
Material Valve	Stainless steel
Material stopper	Rubber with s.s. protecti-on sheet
Valve LxØ	110*8 mm

Stopper with drinking valve for rabbit	
Ordering number	050100149
Valve Type	TD200
Shape	Bent
Material Valve	Stainless steel
Material stopper	Rubber with s.s. protecti-on sheet
Valve LxØ	85*8 mm

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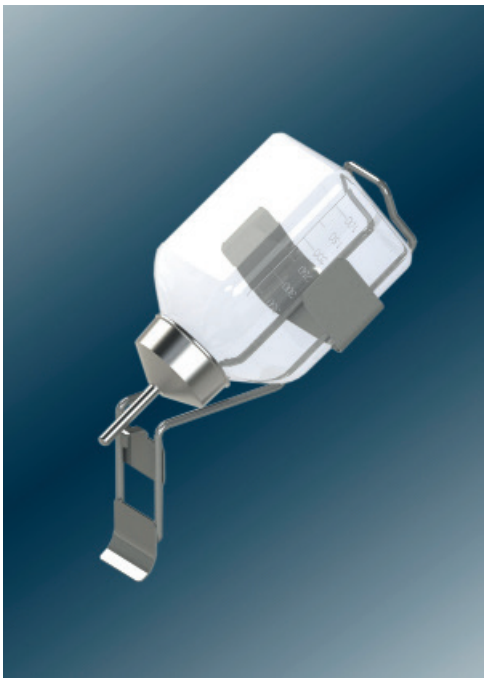
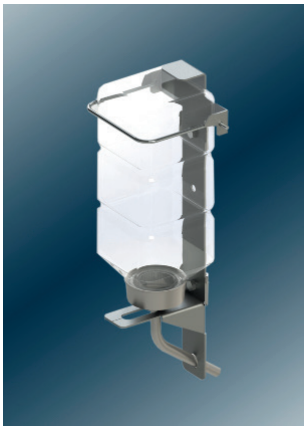
DRINKING BOTTLE HOLDERS

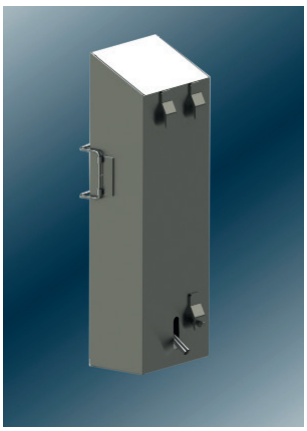


Holder for bottle 400 ml	
Ordering number	050100104
Material	Stainless steel

Holder for bottle 750 ml	
Ordering number	050100107
Material	Stainless steel



Holder for bottle 750 ml	
Ordering number	050100007
Material	Stainless steel



Holder for primates bottle 750 ml	
Ordering number	050100127
Material	Stainless steel

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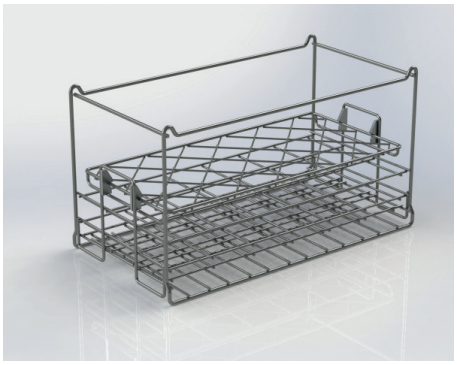
DRINKING BOTTLE BASKETS

Basket for 200 ml & 250 ml bottles	
Ordering number	050118200
Suitable for	18 bottles 200 ml 18 bottles 250 ml
Material	Stainless steel

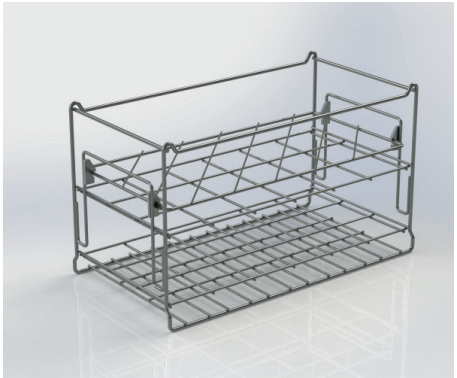
Basket for 250 ml bottles	
Ordering number	050118250
Suitable for	18 bottles 250 ml
Material	Stainless steel



Basket for 300 ml & 400 ml bottles	
Ordering number	050118300
Suitable for	18 bottles 300cc 18 bottles 400cc
Material	Stainless steel

Basket for 400 ml bottles	
Ordering number	050118400
Suitable for	18 bottles 400cc
Material	Stainless steel

Bottle Basket for 420 ml bottles	
Ordering number	050118420
Suitable for	18 bottles 420cc
Material	Stainless steel



Bottle Basket	
Ordering number	050118750
Suitable for	18 bottles 750cc
Material	Stainless Steel

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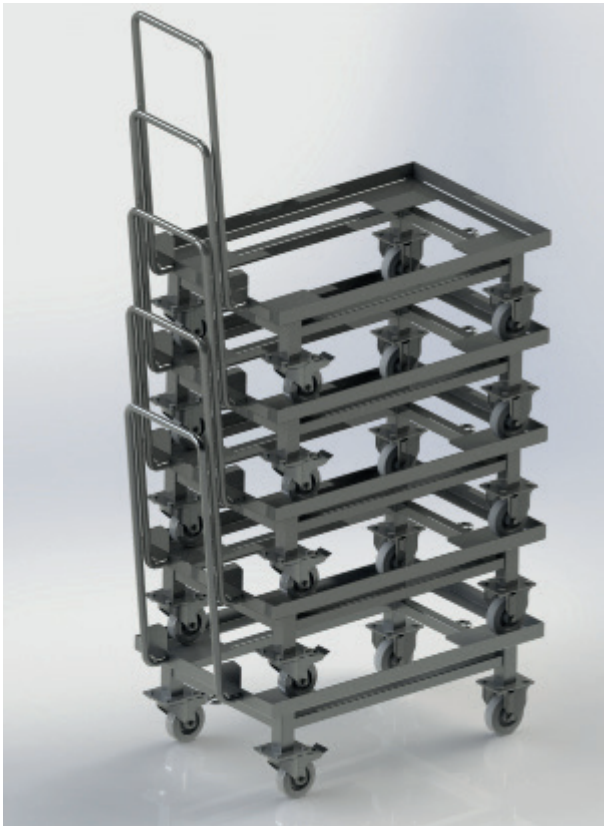
TROLLEYS FOR BOTTLE BASKETS

Trolley for 9 bottle baskets	
Ordering number	TROLFLM
Material	Stainless Steel
Stackable	
Moveable by 4 castors- two with brakes	
Custom sizes available	



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STANDARD RACK FOR CAGES TYPE IL

	For 49 IL cages	For 64 IL cages
Ordering number	UNO-IL/49	UNO-IL/64
Dimensions H x W x D [mm]	1702 x 1283 x 480	1912 x 1462 x 480
Material	stainless steel 316	
Moveable	4 castors, 2 of them with brakes	
Solid roof	to shealth the upper level cages from light and dust	

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LIGHT RACKS FOR CAGES TYPE IL

	For 64 IL cages	For 60 IL cages
Ordering number	MEZ-IL/64, single sided	MDZ-IL/60, double sided
Dimensions H x W x D [mm]	1714 x 1586 x 560	1752 x 1048 x 750
Material	stainless steel 316	
Moveable	4 castors, 2 of them with brakes	
Solid roof	to shealth the upper level cages from light and dust	

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LIGHT RACKS FOR CAGES TYPE II



Single sided racks	For 30 II cages	For 36 II cages	For 42 II cages
Ordering number	MEZ-II/30	MEZ-II/36	MEZ-II/42
Dimensions H x W x D [mm]	1735 x 1343 x 560	1735 x 1576 x 560	1777 x 1576 x 560
Material	stainless steel 316		
Moveable	4 castors, 2 of them with brakes		


Double sided racks	For 60 II cages	For 70 II cages
Ordering number	MEZ-II/60	MEZ-II/70
Dimensions H x W x D [mm]	1752 x 1343 x 750	1804 x 1343 x 560
Material	stainless steel 316	
Moveable	4 castors, 2 of them with brakes	

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STANDARD RACKS FOR CAGES TYPE IIL

	For 30 IIL cages	For 48 IIL cages	For 64 IIL cages
Ordering number	UNO-IIL/30	UNO-IIL/48	UNO-IIL/64
Dimensions H x W x D [mm]	1552 x 1230 x 480	1992 x 1470 x 480	1992 x 1950 x 480
Material	stainless steel 316		
Moveable	4 castors, 2 of them with brakes		
Solid roof	to shealth the upper level cages from light and dust		

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LIGHT RACKS FOR CAGES TYPE IIL

Single sided rack	For 30 IIL cages
Ordering number	MEZ-IIL/30
Dimensions H x W x D [mm]	1777 x 1343 x 560
Material	stainless steel 316
Moveable	4 castors, 2 of them with brakes

Double sided rack	For 70 IIL cages
Ordering number	MDZ-IIL/70
Dimensions H x W x D [mm]	1804 x 1343 x 750
Material	stainless steel 316
Moveable	4 castors, 2 of them with brakes

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STANDARD RACKS FOR CAGES TYPE III & IIIH

	For 24 III or IIIH cages	For 30 III or iIIH cages
Ordering number	UNO-IIi(IIIH)/24	UNO-IIi(IIIH)/30
Dimensions H x W x D [mm]	1807 x 1206 x 560	1807 x 1500 x 560
Material	stainless steel 316	
Moveable	4 castors, 2 of them with brakes	
Solid roof	to shealth the upper level cages from light and dust	

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LIGHT RACKS FOR CAGES TYPE III & IIIH

Single sided racks	For 24 cages	For 24 cages with raised lids	For 24 cages - alternative design with wire cage holders
Ordering number	MEZ-III(IIIH)/24	MEZ-III/24H	MEZ-II/42
Dimensions H x W x D [mm]	1777 x 1330 x 640	1833 x 1330 x 640	1833 x 1330 x 640
Material	stainless steel 316		
Moveable	4 castors, 2 of them with brakes		

Double sided racks	For 48 cages	For 24 cages with raised lids	For 24 cages - alternative design with wire cage holders
Ordering number	MDZ-III(IIIH)/48R	MDZ-III(IIIH)/48	MDZ-III(IIIH)/56
Dimensions H x W x D [mm]	1904 x 1330 x 840	1842 x 1330 x 840	1752 x 1330 x 840
Material	stainless steel 316		
Moveable	4 castors, 2 of them with brakes		

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STANDARD RACK FOR CAGES TYPE IV S

	For 20 IVS cages
Ordering number	UNO-IVS/20
Dimensions H x W x D [mm]	1692 x 1683 x 690
Material	stainless steel 316
Moveable	4 castors, 2 of them with brakes
Solid roof	to shealth the upper level cages from light and dust

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LIGHT RACKS FOR CAGES TYPE IV S

Single sided racks	For 18 cages	For 18 cages with optional roof
Ordering number	MEZ-IVS/18	MEZ-IVS/18R
Dimensions H x W x D [mm]	1877 x 1374 x 750	2033 x 1374 x 750
Material	stainless steel 316	
Moveable	4 castors, 2 of them with brakes	
Solid roof	to shealth the upper level cages from light and dust	

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STANDARD RACKS FOR CAGES TYPE IV

	For 20 IV cages	For 24 IV cages
Ordering number	UNO-IV/20	UNO-IV/24
Dimensions H x W x D [mm]	1692 x 1683 x 690	1992 x 1638 x 690
Material	stainless steel 316	
Moveable	4 castors, 2 of them with brakes	
Solid roof	to shealth the upper level cages from light and dust	

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LIGHT RACKS FOR CAGES TYPE IV

Single sided racks	For 18 cages	For 16 cages, alternative 16 cages IV with raised wire lids
Ordering number	MEZ-IV/18	MEZ-IV/16H
Dimensions H x W x D [mm]	1752 x 1357 x 750	1548 x 1754 x 750
Material	stainless steel 316	
Moveable	4 castors, 2 of them with brakes	

Double sided racks	For 36 cages	For 32 cages, alternative 32 cages IV with raised wire lids
Ordering number	MDZ-IV/36	MEZ-IV/16H
Dimensions H x W x D [mm]	1737 x 1360 x 1250	1548 x 1754 x 1250
Material	stainless steel 316	
Moveable	4 castors, 2 of them with brakes	

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3-CAGES RACK FOR RABBITS

Interlinking racks that allow grouphousing by simply removing the sidewalls or when using the clear polycarbonate side walls (optional) allow visibility between the cages on one level.

Moveable through 4 castors, 2 with brakes.

Perforated bottom and tray can be taken out for cleaning purposes.

Back wall of cage is made of stainless steel plate with diagonal settings for extra support.

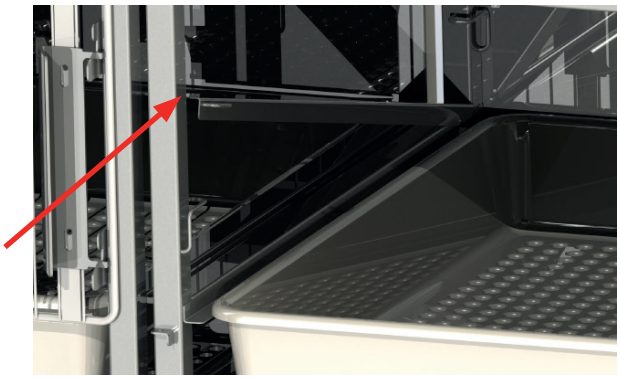
Plastic side walls are easily removable. (Optionally available with clear Polycarbonate side walls).

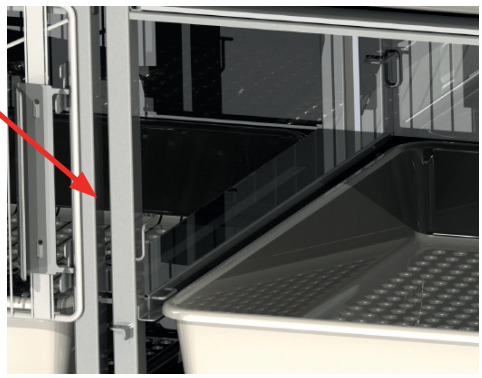
Each cage with detachable wire door, food hopper, botte holder and drinking bottle with stopper and drinking tube.

Optionally available: a shelter for the cage (inner cage).

	Rack excl. feeder, drinking bottle on the front of the cage door	**Rack incl. feeder, drinking bottle on the front of the cage door**
Dimensions H x W x D [mm]	1 880 x 779 x 927	1 880 x 779 x 811
Floor area cage	4 500 cm^2	
Inner cage height	46,6 cm	

The racks can easily be connected to each other: see photos.





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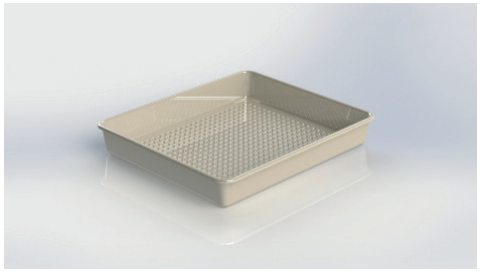
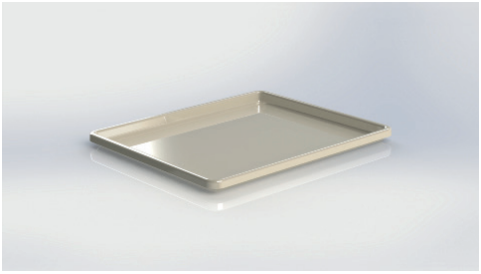
6-CAGES RACK FOR RABBITS

Re-orderable parts:

Tray: ABS or noryl

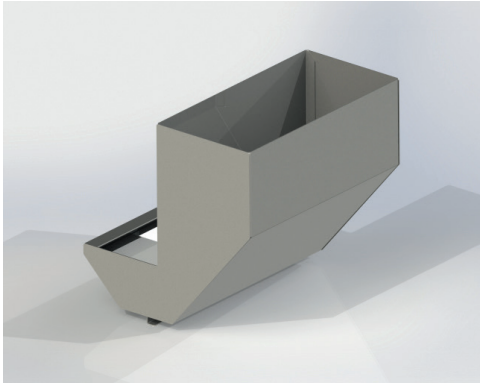


Tray: ABS or noryl



Drinking bottle with cup

Feeder: stainless steel



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5-CAGES RACK FOR GUINEA PIGS

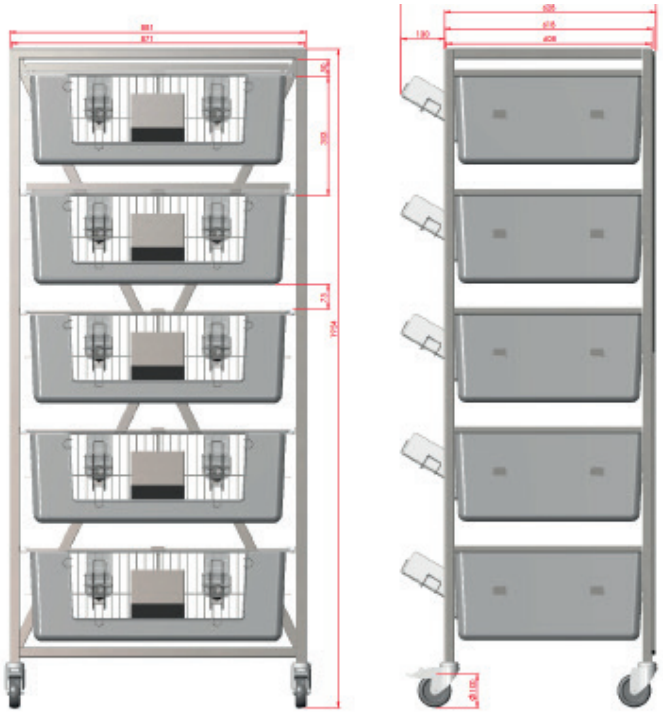
Stainless Steel rack for 5 Guinea pig cages.

Moveable through 4 castors, 2 with brakes.

Each cage with foodhopper and 2 drinking bottles 750ml each.

Food hopper and drinking bottles positioned at the front of the cage.

Optionally available: stainless steel wire or stainless steel perforated lids.



	Rack excl. feeder, drinking bottle on the front of the cage door	Rack incl. feeder, drinking bottle on the front of the cage door
Dimensions H x W x D [mm]	1 954 x 628 x 881	1 954 x 758 x 881
Cage dimensions [mm]	811 x 616 x 287	

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- **Animal transfer stations**
- **Bedding disposal stations**
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- **Stainless steel furniture**
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- **Diets for laboratory animals**
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