

CAGES, LIDS AND ACCESSORIES FOR SMALL RODENTS





PLASTIC CAGES

Plastic cages provide the best conditions for housing laboratory animals. Long-standing experience in terms of development and production, combined with the utilised materials as well as the design and handling properties, make our cages valuable and indispensable components in modern laboratory husbandry.

As far back as the 1960s, we produced polycarbonate (PC) cages. Polycarbonate is transparent, impact-proof and autoclavable to maximum 121°C.

As plastics were further developed, materials with even greater heat-resistance properties as well as those that were more physically and chemically resistant were added to the range.

- Polysulfone / PSU, autoclavable to max. 134°C
- Polyetherimide / PEI, autoclavable to max. 143°C
- Polyphenylsulfone / PPSU, autoclavable to max. 143°C

Further information is available in the brochure entitled "Cage treatment in animal husbandry" by the "AK KAB" Working Group: www.tiz-bifo.de/download/publikationen/ak_kab/ak_kab.html

Cage type 2L with water bottle, lid and accessories



Maximum number of animals per cage

According to EU Directive 2010/63/EU based on cage floor space, cage height and animal weight

Cage type Floor space Height	1 L 405 cm ² 14 cm	2 360 cm ² 14 cm	2 L 530 cm ² 14 cm	HRC 500 502 cm ² 12 cm	3 830 cm ² 15 cm	3 H 800 cm ² 18 cm	4 1,815 cm ² 20 cm
Mice							
Up to 20 g	7	6	8	8	13	13	30
20 – 25 g	6	5	7	7	11	11	26
25 – 30 g	5	4	6	6	10	10	22
Over 30 g	4	3	5	5	8	8	18
Hamsters							
Up to 60 g	–	–	–	–	5	5	12
60 – 100 g	–	–	–	–	4	4	9
Over 100 g	–	–	–	–	3	3	7
Rats							
Up to 200 g	–	–	–	–	–	4	9
200 – 300 g	–	–	–	–	–	3	7
300 – 400 g	–	–	–	–	–	2	5
400 – 600 g	–	–	–	–	–	1	4
Over 600 g	–	–	–	–	–	1	3
Guinea pigs*							
Up to 200 g	–	–	–	–	–	–	9
200 – 300 g	–	–	–	–	–	–	5
300 – 450 g	–	–	–	–	–	–	4

*In connection with 50 mm raised DST 4/50 MS lid: For guinea pigs weighing more than 450 g, we recommend our MZK 80/25-L cage designed specifically for guinea pigs. Subject to technical modifications.

PLASTIC CAGES



Cage type	Dimensions in mm (L x W x H)	Floor space (cm ²)	Polycarbonate PC (Makrolon no. 3108)	Polysulfone PSU
1 L	362 x 160 x 143	405	3010030	3010029
2	265 x 205 x 140	360	3010010	3010046
HRC 500	408 x 185 x 120	502	3010045	3010044
2 L	365 x 205 x 140	530	3010034	3010041
3	425 x 265 x 150	830	3010003	3010048
3 H	425 x 265 x 180	800	3010033	3010047
4	590 x 380 x 200	1,815	3010006	3010027

INSERT FLOOR CAGE FLOOR

made of stainless steel (AISI 304)



Insert floor

for cage type	Description	Brief description	Order no.
1 L	EB 1 L/30	MW 10 x 30 mm, 20 mm high	5013040
2	EB 2/30	MW 10 x 30 mm, 20 mm high	5013042
2 L	EB 2 L/30	MW 10 x 30 mm, 20 mm high	5013056
HRC 500	EB-HRC	MW 10 x 30 mm, 20 mm high	5013061
3 / 3 H	EB 3/30	MW 10 x 30 mm, 20 mm high	5013043
4	EB 4/20	MW 10 x 20 mm, 20 mm high	5013044

Subject to technical modifications.

TROLLEY FOR CAGES



Please consult the Transport Systems Chapter for further information



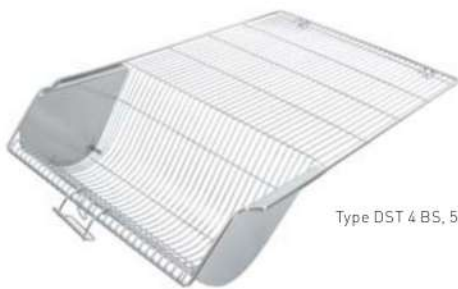
LIDS

MADE OF STAINLESS STEEL

ZOONLAB lids are made of stainless steel (AISI 304) and are electrolytically polished after processing. The type and shape of the feed rack is ground breaking. Thanks to the external frame wire, the cover provides excellent lateral stability when opening the cage and pushing back the cover. This significantly improves handling. The wire clearance of the lid is 7 mm.

The lids are available with a swing clip lock or frame clamp or as an internal lid for use with a filter top.

Furthermore, the feed racks can optionally be provided with a removable detachable divider or with integrated hinged divider.



Type DST 4 BS, 5023414



Type DSP 3 BS, 5023613

Lid for cage type	Swing clip lock		Frame clamp	
	For detachable divider	With integrated divider	For detachable divider	With integrated divider
1 L	5023429	5023426	5023635	5023631
2	5023412	-	5023612	5023621
2L	5023442	-	5023616	-
HRC 500	-	5023118	-	-
3 + 3 H	5023413	-	5023613	-
3, 50 mm raised	5023107	5023112	5023109	-
4	5023414	-	5023614	-
4, 50 mm raised	5023105	-	-	-
4, for guinea pigs	5023106	-	-	-

DIVIDER

OPTIONALLY AVAILABLE, MADE OF STAINLESS STEEL



TB 2-BS divider

In order to divide the feed rack between the food and bottle.

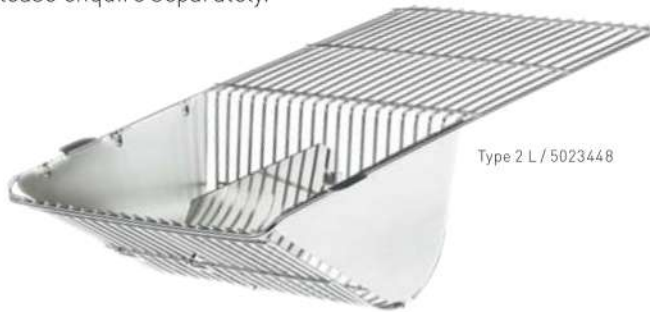
for cage type	Brief description	Order no.
1 L	TB 1- BS	5023401
2 / 2 L	TB 2- BS	5023402
3 / 3 H	TB 3- BS	5023403
4	TB 4- BS	5023404

Subject to technical modifications.

INTERNAL LIDS

FOR CAGES EQUIPPED WITH A CONVENTIONAL FILTER TOP

Lids without a feed rack or with a feed rack for bottle on one side are available on request. Please enquire separately.



Lid for cage type	Without closure		Frame clamp	
	For detachable divider	With integrated divider	For detachable divider	With integrated divider
2	-	-	5023652	5023621
2 L	5023449	5023448	-	-
3 + 3 H	5023440	5023453	-	-

FILTER TOP

Filter tops give the animals added protection. They are made of polycarbonate (Makrolon 3108) and are equipped with an

exchangeable filter pad. Please consult the cover for information on the internal lids to be used.



for cage type	Brief description	Polycarbonate PC	Polysulfone PSU	Replacement filter pad
2	FIH 2-MB	5010908	5010903	3010904
2 L	FIH 2-L-MB	5010912	5010904	3010913
3 / 3 H	FIH 3-MB	5010905	5010902	3010907

Subject to technical modifications.



WATER BOTTLES

WITH AND WITHOUT SILICONE SEALING RING

The F 30 and F 75 water bottles were manufactured for the first time 45 years ago and, despite remaining unchanged, are still supplied today in a superior quality. These shapes have influenced the entire market.

ZOONLAB water bottles are available with a silicone sealing ring and tapered neck. The water bottles are made of polycarbonate (=Makrolon), autoclavable to max. 121°C and of polysulfone, autoclavable to max. 134 °C.



Description / Volume in ml	Dimensions in mm (Ø x H / W x D x H)	Polycarbonate PC Order no.	Polysulfone PSU Order no.
Bottles with tapered neck			
FK50 / 500	84 Ø x 140	3125153	-
FK90 / 900	84 Ø x 220	3125155	-
Bottles with groove for silicone sealing ring			
F25 / 250	54 Ø x 145	3125014	3125029
F30Q / 300	53 x 53 x 150	3125027	3125028
F40 / 400	72 x 72 x 120	3125005	3125015
F53 / 475	70 x 70 x 130	3125011	3125017
F75 / 700	72 x 72 x 180	3125004	3125016

SILICONE SEALING RING



The grooved or rubberised silicone sealing rings guarantee that the bottle complete with cap remains water-tight.

Brief description	Order no.
SDR 1, full rubber	3125101
SDR 3 blue, grooved	3125116

BOTTLE OPENER



Our stainless steel bottle opener makes it easier for you to remove the cap from the water bottle.

Brief description	Order no.
Ö1, Bottle cap opener	5122001

Subject to technical modifications.

BOTTLE CAPS

MADE OF STAINLESS STEEL

The bottle caps are made of stainless steel (AISI 304) and electropolished. In order to remove the bottle caps, we recommend using our proven bottle opener.

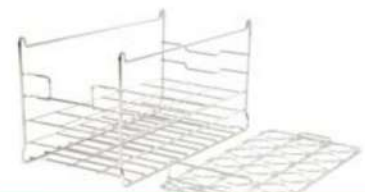


Description	Brief description	Order no.
TVS	With extended tip, 0.8 mm hole	3125020
TR 25 / 1.8	25 mm tube, 1.8 mm hole	3125045
TR 40 / 1.8	40 mm tube, 1.8 mm hole	3125032
TK 40	40 mm tube with ball closure	3125042
TK 100	100 mm tube with ball closure	3125052
TGK 100	100 mm curved tube with ball closure	3125071
TGK 140	140 mm curved tube with ball closure	3125072

BOTTLE WASHING BASKETS

MADE OF STAINLESS STEEL, STACKABLE

ZOONLAB bottle washing baskets enable a more effective and easier cleaning of all conventional-sized water bottles. They are made of stainless steel, are electrolytically polished and autoclavable. All of the washing basket versions can be stacked on top of one another. The bottles are fixed into place via a detachable cover which also ensures that they remain secure during the cleaning process.



Type	Description	Dimensions (WxDxH)	Order no.	
FSPÜ 25-30 / 250	Washing basket which holds 18 F 25 and/or F 30 type bottles	500 x 265 x 250	5122099	
FSPÜ 40-75 / 250	Washing basket which holds 18 F 40, F 50, F 53 and/or F 75 type bottles	500 x 265 x 250	5122100	
FSPÜ 25-30 / 270	Washing basket which holds 18 F 25 and/or F 30 type bottles	500 x 265 x 270	5122096	
FSPÜ 40-75 / 270	Washing basket which holds 18 F 40, F 50, F 53 and/or F 75 type bottles	500 x 265 x 270	5122097	
Options				
FSPÜ cover	Suitable for FSPÜ-25-30 and FSPÜ-40-75 type	495 x 240, Handle 70 mm high	5122098	
For accessories	Number of accessories	Description	Dimensions in mm	Order no.
Bottle caps, with max. tube length of 50 mm	36 bzw. 61	SPÜ	475 x 475 x 120	5122052
Small parts		SPÜ-Zub-small	520 x 265 x 160	5122055
Small parts		SPÜ-Zub 2	475 x 475 x 160	5122018
Mouse shelter	20	SPÜ-Mshs	480 x 480 x 135	5122046
Type 2-L or Type 3 filter hoods	6	SPÜ-FiHa_045	530 x 525 x 425	5122042
Type 2-L or Type 3 filter levels	30	SPÜ-BeDe	530 x 525x 425	5122043

Subject to technical modifications..



ADDITIONAL ACCESSORIES



FEED CONTAINER FOR FLOUR

- To be hung in cages (in combination with lid equipped with single-sided feed rack)
- Made of stainless steel (AISI 304), autoclavable

Type	Capacity	Order no.
FUR 5	0.24 kg	5083705
FUR 2	0.14 kg	5083702



HOLE PUNCHES

- Made of stainless steel, autoclavable

Type	Description	Order no.
292-2	Hole for 2 mm Ø	3104605
293	With rotating disk for hole punching 1.5/2.0/2.5/3.0 mm Ø	3104606



EUTHANASIA COVER

Description	Order no.
Euthanasia cover for cages Type 2 L	5023304

CARD HOLDERS

S 7/H



S 7/H (PSU)



Type	Description	Dimensions in mm	Order no.
S 7	Landscape for DIN A7 cards, made of stainless steel	110 x 75	5104507
S 7/H	Portrait for DIN A7 cards, made of stainless steel	75 x 110	5104510
S 7-FIH	Landscape for DIN A7 cards, made of stainless steel, with wire hanger for filter tops	110 x 75	5104512
S 7/H-FIH	Portrait for DIN A7 cards, made of stainless steel, with wire hanger for filter tops	75 x 110	5104517
S 7-FIH-HRC	Landscape for DIN A7 cards, made of stainless steel, for Type HRC 500 filter top	110 x 75	5104529
S 7/H (PSU)	Portrait for DIN A7 cards, made of polysulfone, with Stainless steel (AISI 304) wire hanger	75 x 110	5104513S

DRINKING VALVES



TRV 4	TRV 6	TRV 7
Drinking valve for rabbits	Drinking valve for monkeys, dogs, sheep, pigs and other large animals	Drinking valve for dogs
made of stainless steel (AISI 304) 1/8" M connection Required water pressure: 2-5 PSI 0.14 - 0.35 bar	made of stainless steel (AISI 304) with 1.2" outer thread Adjustable water quantity Required water pressure: 10-30 PSI, 0.7-2.1 bar	Material: Chromium-plated aluminium, 3/4" connection F N.P.T., required water pressure 10-30 PSI, 0.7-2.1 bar, incl.: 1/2" reducer (pass nut), Material: Brass Direct connection to the water line
Order no.: 3123050	Order no.: 3123070	Order no.: 3123075