



First-class enclosure systems

concept – design – construction – production – installation

The first choice for decades

ZOONLAB offers individual solutions for more than 70 years

The complete view of an enclosure system is the basis for a high-quality primate husbandry. Detailed spatial plans and installation drawings in 2D and 3D which we create in close cooperation with our customers are parts of our design & planning process.

In addition to capacity and structure we also focus on operation safety, daily routine working processes (for example feeding, cleaning, etc.) and individual type-specific habitat design (ENVIRONMENTAL ENRICHMENT) to provide optimal husbandry conditions.

Our team of experienced engineering draftsmen converts the concepts into technical construction drawings. Every element and every component is constructed in detail (CAD) and inspected for accuracy. After our customer's approval we start the production process.

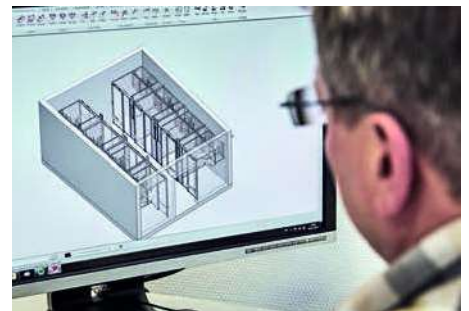




Fig. high demands on the quality and design of our animal welfare enclosure systems in detail



Fig. spatial plans and installation drawings in 3D of a primate husbandry system

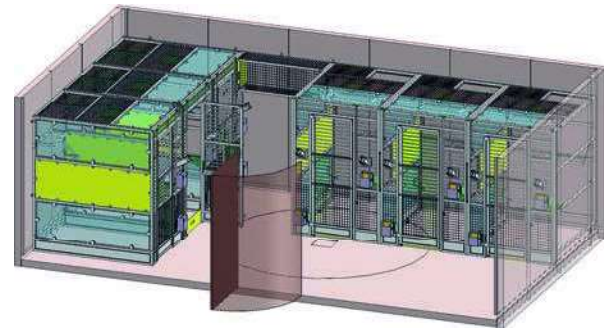


Fig. individual solutions by long-term experience



The husbandry of non-human primates (NHP) requires high standards in quality and design of animal welfare enclosure systems. ZOONLAB offers competent assistance and long-lasting quality starting from the first idea to the professional installation.

In addition to the proficient support during the whole project our service includes the conception, design and construction (CAD) of your new husbandry system such as the production at our own premises in Germany. The ZOONLAB installation team will complete the project at your facilities.

Decades of experience in building enclosure systems guarantee a wide experience in individual solutions and high-quality processing of stainless steel, safety glass and plastic materials – made in Germany.



Quality in every detail – Made in Germany

ZOONLAB proves itself through extraordinary ideas and excellent manufacturing

At our in-house production facilities our team professionally processes components of stainless steel, laminated safety glass and plastics, which are mainly used in the medical sector. Stainless steel components are manually welded using TIG welding to guarantee clean and corrosion resistant weld seams.

Afterwards all steel surfaces are finished by glass bead blasting. This provides homogeneous surfaces, enhanced optics and improved resistance against physical and chemical strain.



Fig. assembly production of stain-less steel components (TIG welding)

Fig. hygiene requirements – edges to prevent dirt accumulation



Fig. primate-safe cage closures



Fig. clean and corrosion resistant weld seams (TIG welding)

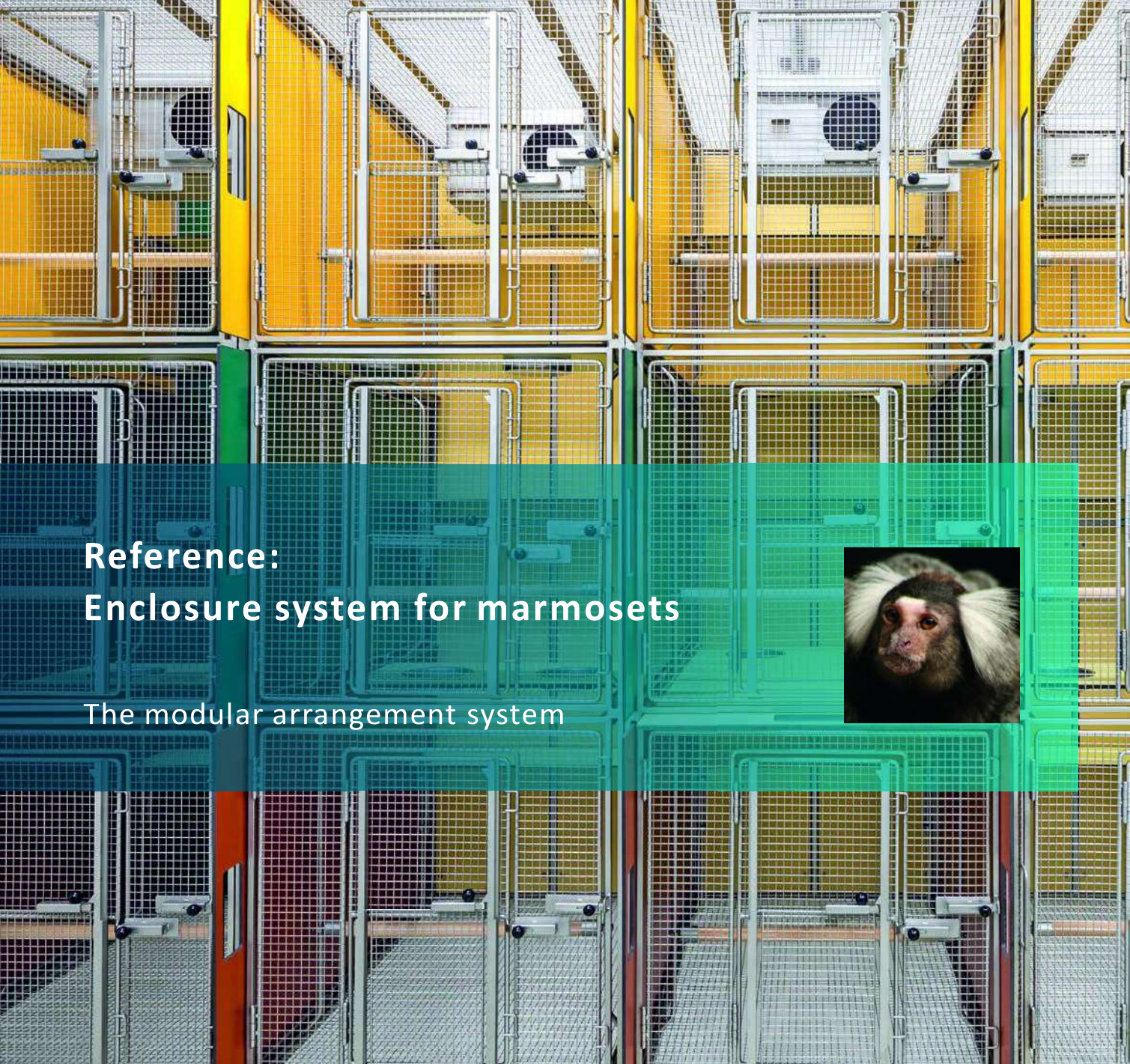


All ZOONLAB enclosure systems are planned, constructed and manufactured according to regulatory requirements (currently guideline 2010/63/EU of the European Parliament).

In addition the professional processing of selected high-grade materials, the implementation of colours and the innovative solutions for habitat designs create ideal conditions for the well-being of your animals.



During the conception, the construction and the production we always ensure hygiene (clean- liness of the enclosure systems) and safety for your animals (eg. no sharp edges, clean weld seams).



Reference: Enclosure system for marmosets

The modular arrangement system



Fig. the application of colours in a husbandry system increases the well-being of the animals and is just one example of our innovative solutions.

Enclosure systems for housing marmosets usually consist of several single cage modules which are mounted together and can be modified into larger units with very little effort.

A single cage module (minimum floor area 0.5 m², minimum habitat height 1.5 m) is built of stainless steel and high-pressure laminate panels and is designed to house six adult animals in three compartments with removable floor panels.

The various colour options for the side and back panels allow for an individual interior design and an interesting environment for the primates.

ZOONLAB designs and produces your husbandry system according to your wishes and the welfare of the animals.



Fig. Professional processing of high-grade materials, suitable for scientific animal husbandries



Abb. All resting areas are adjustable in three positions and can be equipped with feeding bowls



Reference:
**Enclosure system for macaques
 and guenons**

Life inside and outside of social groups



Fig. spacious group cages



Fig. individual interior
 equipment



Fig. mobile capturing/
 application cage for the
 transport of single
 animals

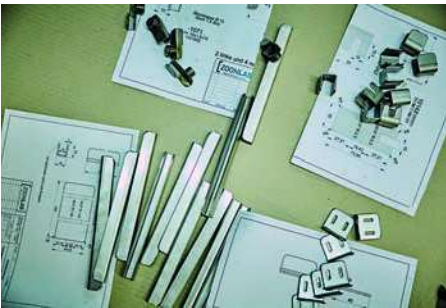
For the husbandry of macaques and guenons single cages with a floor area of 2 m² and a minimum habitat height of 1.8 m are needed.

ZOONLAB reviews the structural situation and designs suitable primate welfare habitats (in compliance with norm 2010/63/EU).

A high variety of designs and dimensions highlight the professional realization of resting areas, window panels, climbing and sitting areas according to the current requirements.

Tunnels or openings to adjacent cages create an enlargement of the habitation area.

This allows a life in social groups in smaller enclosure systems.



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PRIMATE CAGES AND ENCLOSURES

ENCLOSURE SYSTEMS



Zoonlab primate cages are designed, engineered and manufactured according to our customer's specific needs and in line with the respective statutory requirements as per Directive 2010/63/EU of the European Parliament (formerly ETS 123).



INNOVATION IS OUR TRADITION

Our key driver is our commitment to find the ideal solution for any customer and our uncompromising willingness to innovate. Due to our market-oriented products combined with outstanding product quality and extensive service we have shown continued growth for many years. This is mirrored in our existing customer relationships.

Our sophisticated, animal-friendly enclosure systems are fitted with optionally available features such as resting zones, balconies, viewing windows and other enrichment. Design and colour of the facilities can be selected according to your preference. We use high-grade materials which are easy to decontaminate.

In light of our broad experience gathered in numerous comprehensive projects we offer our customers a wide range of solutions for any application.

- Our in-house CAD engineering converts the requirements in 3D models.
- All elements are laid out to safely accommodate the animal considering all aspects of animal husbandry and easy handling for users.
- This means maximum operational reliability.
- All parts have been designed to be easily cleaned by hand or machine, including autoclaving processes.



Large enclosure for dogs or cats



Primate cage with resting zone



Primate cages fitted with balconies



Custom-made product as per specific requirement

TRANSPORT AND AUTOCLAVING TROLLEYS

TRANSPORT & ACCESSORIES

All trolleys are made of stainless steel and are equipped with 4 castors with a diameter of 100 mm (2 of them with brakes). The castors are equipped with a stainless steel housing and are autoclavable up to max. 134°C.

Our castors have a high quality Teflon coating and are extremely durable. The tread allows smooth running with low wear and long life. The trolley is fully autoclavable at 134°C. The height of the shelves can be adjusted.





TRANSPORT AND AUTOCLAVING TROLLEYS

CLOSED TROLLEY

The transport and autoclaving trolley has two lockable doors, recessed grips on both sides and is equipped with EU 4 filter mats on the back. Our trolleys are equipped with high-quality and autoclavable castors (article 5113814).



recessed grips on both sides



Shell handle

Type	Dimensions (W x D x H) in mm	Material	Order no.
T-A (1.500 mm H) closed	990 x 512 x 1.520	Stainless steel AISI 304	5113760
T-A (1.900 mm H) closed	990 x 512 x 1.910	Stainless steel AISI 304	5113761
Options			
Additional shelf		Stainless steel AISI 304	5420002

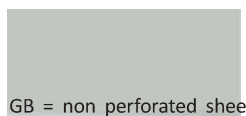
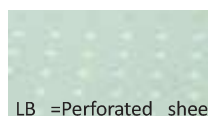
TRANSPORT TROLLEY TWA



TWA9/5/18-LB

Type	Dimensions (W x D x H) in mm	Material	Order no.
TWA 9/5/18-LB	966 x 566 x 1.770	Stainless steel AISI 304	5113698
TWA 12/5/18-LB	1.206 x 500 x 1.770	Stainless steel AISI 304	5113775
TWA 9/5/18-GB	967 x 507 x 1.800	Stainless steel AISI 304	5113776
TWA 12/5/18-GB	1.206 x 507 x 1.770	Stainless steel AISI 304	5113777
TWA 9/5/18-DB	960 x 500 x 1.770	Stainless steel AISI 304	5113778
TWA 12/5/18-DB	1.200 x 500 x 1.770	Stainless steel AISI 304	5113779

The distance between the shelves is 590 mm.

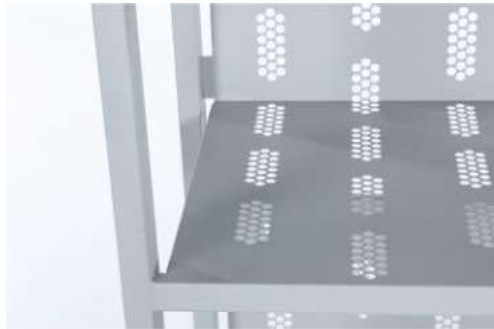


TRANSPORT AND AUTOCLAVING TROLLEYS

OPEN TROLLEY



Transport and autoclaving trolley with 3 rear inclined, perforated and high-sided shelves - shelf distance 605 mm. Our trolleys are fitted with high quality autoclavable castors (article 5113814).



Type	Dimensions (W x D x H) in mm	Material	Order no.
TWA-1000	1000 x 500 x 1.858	Stainless steel AISI 304	5113814
TWA 1250	1.250 x 500 x 1.858	Stainless steel AISI 304	5113813
TWA 1500	1500 x 500 x 1.858	Stainless steel AISI 304	5113834

TRANSPORT-/PLATTFORM TROLLEY



TW 4921-91S

Type	Characteristics	Dimensions (W x D x H) in mm	Material	Order no.
TW 4921-91S	Loading area without sliding edge	940 x 500 x 920	Stainless steel AISI 304	5113750
TW 4922-91S	Loading area without sliding edge	1.100 x 700 x 920	Stainless steel AISI 304	5113751
TW 4931-91S	Loading area with sliding edge	945 x 500 x 920 With handle: 1044 x 500 x 920	Stainless steel AISI 304	5113748
Options				
Anti-noise mat	Supporting surfaces equipped with an anti-rattle mat. This prevents the goods from rattling during transport.			On request



TRANSPORT TROLLEY

2-SELVES



LABO



ABSA

The upper shelf is equipped with a waste opening with clamping ring on one side in order to fasten a conventional waste bag.

Type	Dimensions (W x D x H) in mm	Material	Order no.
LABO	1.200 x 575 x 830 Shelf distance 653 mm	Stainless steel AISI 304	5113702
ABSA	1.200 x 604 x 1.020 Shelf distance 862 mm	Stainless steel AISI 304	5113707

TRANSPORT TROLLEY TW-MSW



TW-MSW 8 x 5 / 2

Type	Characteristics	Dimensions (W x D x H) in mm	Material	Order no.
TW-MSW 6 x 4/2	autoclavable	695 x 495 x 900, 2 levels	Stainless steel AISI 304	5111735S
TW-MSW 8 x 5/2	autoclavable	895 x 595 x 950, 2 levels	Stainless steel AISI 304	5111736S
TW-MSW 10 x 6/2	autoclavable	1.095 x 695 x 950, 2 levels	Stainless steel AISI 304	5111738S
TW-MSW 6 x 4/3	autoclavable	695 x 495x 900, 3 levels	Stainless steel AISI 304	5111732S
TW-MSW 8 x 5/3	autoclavable	895 x 595 x 950, 3 levels	Stainless steel AISI 304	5111733S
TW-MSW 10 x 6/3	autoclavable	1.100 x 700 x 960, 3 levels	Stainless steel AISI 304	5111734S
Options				
Anti-noise mat	Supporting surfaces equipped with an anti-rattle mat. This prevents the goods from rattling during transport.			On request

STORAGE CONTAINERS

MOBILE

With lid suspension function on the container for easier, ergonomic working. For the safe storage and transport of a variety of goods. Autoclavable and rodent-proof. Fitted with smooth-running castors. Fully autoclavable.



FVB 2

Height with handle 916 mm
Total height to lid 851 mm
Total width with handle 744 mm
Container dimensions (L x B) 546 x 546 mm



FVB 3

Total height to lid 1038 mm
Total width 630 mm without deflectors



FVB 2 L

Height with handle 916 mm
Total height to lid 886 mm
Total width with handle 1320 mm

Type	Volume in Litre	Dimensions (W x D x H) in mm	Material	Order no.
FVB 2	97	500 x 500 x 845	Stainless steel AISI 304	5113724
FVB 2 L	194	1.300 x 581 x 880	Stainless steel AISI 304	5113726
FVB 3	473	1.000 x 600 x 800	Stainless steel AISI 304	5113725
Options				
Perforated sheet			Stainless steel AISI 304	2309036
Card holder			Stainless steel AISI 304	2302213

AUTOCLAVING TROLLEY

FOR FEED SACKS

Manoeuvrable transport and autoclaving trolley for feed sacks of approx. 12 kg. Made of stainless steel AISI 304 with movable holders for optimal positioning of the feed sacks. The minimal contact surface of the holders ensures optimum autoclaving results and avoids feed clumping.

Typ	Dimensions (W x D x H) in mm	Order no..
Autoclaving trolley for feed sacks	1.000 x 500 x 1.333	5033548





TRANSPORT SYSTEM FOR CAGES

TRANSPORT TROLLEY FOR CAGES

The ZOONLAB transport system for cages makes logistics and storage easier and faster in day-to-day operation. Round tubes and autoclavable easy-running castors ensure excellent transport comfort.

The trolley can also be used in the same way as a sack truck. The trolley made of stainless steel is glass-bead blasted and autoclavable. Two of the four castors can be steered and locked into place. (Two of the castors cannot be steered so that the trolley can be used as a sack truck). We can also optionally produce trolleys for all conventional cages on the market, including for cages produced by other manufacturers.



Trolley for cages Typ 1 L, 2 und 2 L

Description	Material	Dimensions (W x D x H) in mm	Order no.
Trolley for cage types 1L, 2 and 2L, 2 rows on top of each other, 2 rows next to each other, capacity: 40 cages	Stainless steel AISI 304	507 x 441 x 1.372 507 x 546* x 1372	5113757
Trolley for cage type 4, 2 rows on top of each other, capacity: 16 cages	Stainless steel AISI 304	631 x 440 x 1.372 736* x 440 x 1372	5113758
Options			
Cover hood for trolley (cage types 1L, 2, 2L) white fabric, 2 strong zips in the corners, can be sterilised in 5 minutes at 136 degrees	Canvas fabric, white	507 x 454 x 1.250	3119948
Cover hood for trolley (cage type 4) white fabric, 2 strong zips in the corners, can be sterilised in 5 minutes at 136 degrees	Canvas fabric, white	735 x 440 x 1.250	3119949

* Dimensions with handle

TRANSPORT SYSTEM FOR WATER BOTTLES

TRANSPORT TROLLEY FOR BOTTLE WASHING BASKETS

The ZOONLAB transport system for bottle washing baskets makes all of the work processes associated with drinking bottles easier on a day to day basis. The transport trolley and the matching washing basket ensure an ergonomic and efficient water bottle management.



ZOONLAB transport trolleys for washing baskets make the day-to-day work with water bottles easier. The loaded washing baskets remain in the transport trolley for the entire procedure during the loading and unloading process. Plastic rails (option) simplify the removal of the baskets and prevent bothersome grinding noises. Round tubes and autoclavable easy-running castors ensure excellent transport comfort. The rack made of stainless steel is glass-bead blasted and autoclavable. The front castors can be locked so that the user is able to switch between precise mobility and a firm standing. The standard model provides capacity for 10 bottle washing baskets but transport trolleys for 12, 15 or 18 baskets can also be produced on request.

Type	Description	Dimensions (W x D x H) in mm	Order no.
TW-FSPÜ suitable for 10 bottle washng baskets - 5 on top of each other in 2 rows without polyamid guide rails	for bottle washing baskets up to 270 mm high	610 x 640 x 1.631	51137059
TW-FSPÜ-PA suitable for 10 bottle washing baskets - 5 on top of each other in 2 rows with polyamid guide rails	for bottle washing baskets up to 270 mm high	610 x 640 x 1.631	51137058
Options			
TW Cover hood	5 minutes at 136 de-grees sterilisable "saturated steam"	640 x 680 x 1.350	3119947

Our ZOONLAB bottle wasching baskets:

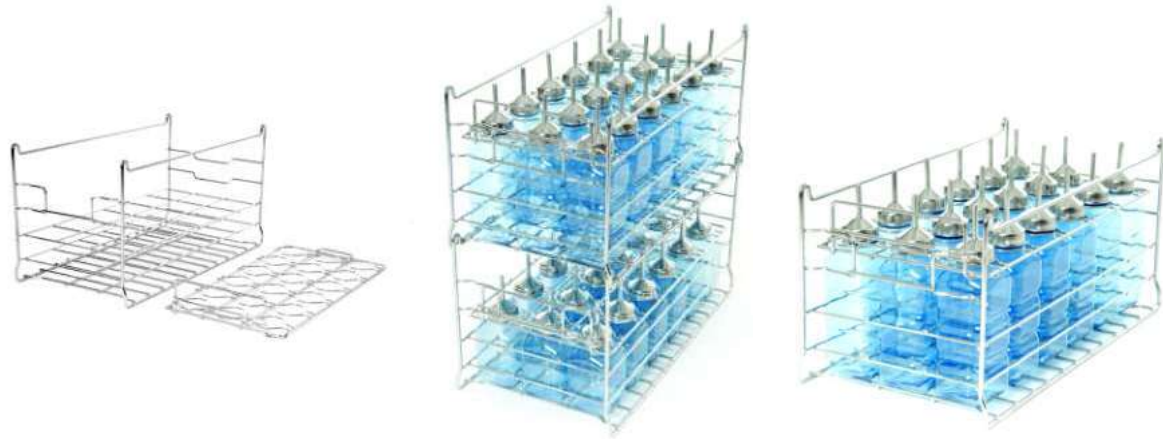




BOTTLE WASHING BASKETS

MADE OF STAINLESS STEEL, STACKABLE

ZOONLAB bottle washing baskets enable more effective and easier cleaning of all conventional-sized water bottles. They are made of stainless steel, electrolytically polished and autoclavable. All of the washing baskets 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	No. of bottles / bottle types	Dimensions (W x D x H) in mm	Order no.
FSPÜ 25-30 / 250	18 / F 25 und F 30	500 x 265 x 250	5122099
FSPÜ 40-75 / 250	18 / F 53, F 40, F 75	500 x 265 x 250	5122100
FSPÜ 25-30 / 270	18 / F 25 und F 30	500 x 265 x 270	5122096
FSPÜ 40-75 / 270	18 / F 53, F 40, F 75	500 x 265 x 270	5122097
OPTIONS			
FSPÜ Cover	Suitable for FSPÜ 25-30 and FSPÜ 40-75	483 x 240 Handle 70 mm high	5122098

MOBILE VARIABLE RACK, GV

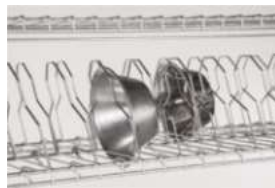
FOR CAGES, STOCKS AND MUCH MORE



In addition to the traditional types of racks, ZOONLAB also supplies a variable rack that can accommodate any type of cage.

It is characterised by 6 extremely stable shelves made of grid elements (the grid bars run in the sliding direction of the cage), which are also infinitely adjustable in height as required. This gives maximum freedom of use. The shelves can be loaded up to 250 kg.

The entire rack is made of AISI 304 stainless steel and is fitted with 4 swivel castors of 100 mm diameter, two of them with brakes. The castor housing is made of stainless steel. The frame and castors are fully autoclavable. A bowl holder can be added to the frame as an option.



Bowl holder
Further options on request

Short description	Capacity per shelf	Dimensions in mm (W x D x H)	Order no.
GV - Rack for variable mounting of the cages (depth 582 mm)	6 cages Type 1 L 5 cages Type 2 (10 cages Typ 2 in 2 rows) 5 cages Type 2 L 4 cages Type 3 3 cages Type 4	1.236 x 582 x 1.763	5033520
Optional components			
GV-Holder for feeding bowls			5063398
Cover plate with elevation			5033551
Additional shelf made of grid elements	Loadable with 250 kg - Screwable - Retrofit module		4033200
Rack attachment with cover plate	screwable - retrofitting module	H 250	5033222
GV - Rack for variable mounting of the cages (depth 800 mm)		1.236 x 832 x 2.013	5033533
Optional components			
Cover plate with elevation			On request
Additional shelf made of grid elements	Loadable with 250 kg - Screwable - Retrofit module		On request



LECTERN

DOCUMENTATION TABLE



The ZOONLAB standing desk, made of stainless steel, can serve you as a lectern, documentation desk and storage, plus other applications in the animal husbandry sector.

The smooth-running castors also make it easy to move. Two of the four castors are lockable.

The ZOONLAB standing desk is autoclavable.

Type		Diemensions in mm (W x D x H)	Material	Order no.
Base frame with document compartment	autoclavable	650 x 470 x 1.100	Stainless steel	5115026
Option in combination with the base frame				
Printer compartment for lectern	autoclavable	591 x 447 x 300	Stainless steel	5115027
Drawer for lectern	autoclavable	532 x 326 x 150	Stainless steel	5115028
Extendable keyboard rack	autoclavable	531 x 300 x 20	Stainless steel	5115029
Inclined lectern rest for 12° inclination, applied loosely to the lectern	autoclavable	606 x 456 x 139	Stainless steel	5115024

Subject to technical modifications.