



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.

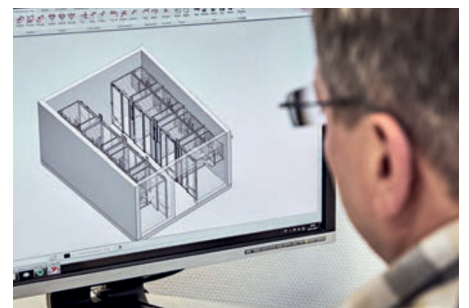




Fig. high demands on the quality and design of our animal welfare enclosure systems in detail



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

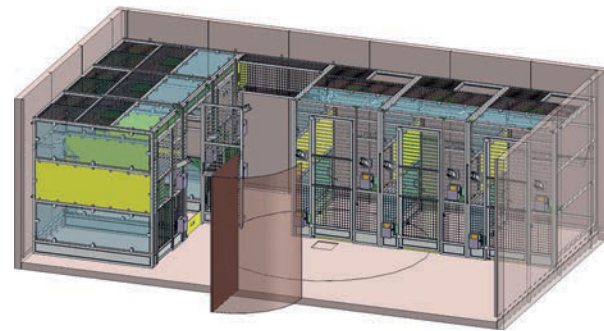
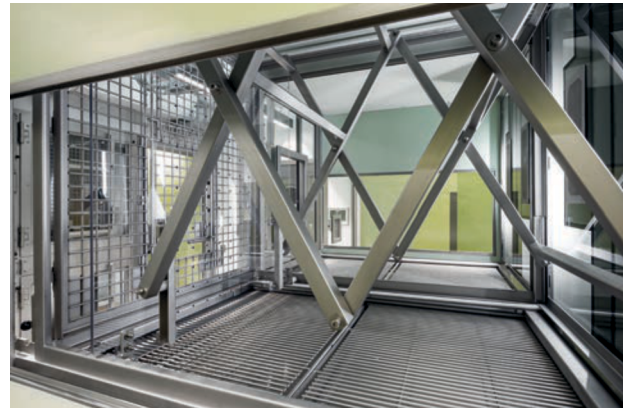


Fig. individual solutions by long-term experience



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.

A welder wearing a protective mask and gloves is working on a metal frame. The frame consists of vertical bars and horizontal beams. The welder is using a welding torch to join the metal pieces. The background is a dark, industrial setting with various metal components.

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 homogenous surfaces, enhanced optics and improved resistance against physical and chemical strain.



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

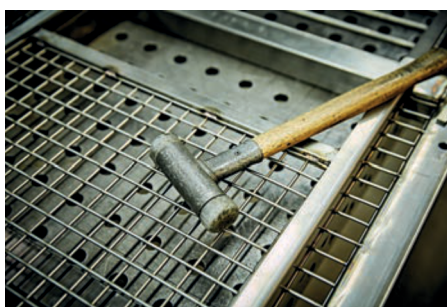


Fig. hygiene requirements – edges to prevent dirt accumulation



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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