

Cage AK 4200

Following new product was created by demand of a breeding facility that meets the requirements of Directive of the European Parliament and the Council 2010/63/EC.

This Directive has been by our national legislation incorporated into the Act No. 359/2012 Collection, which has been changed on January 1, 2013, according to Act No. 246/1992 Collection, Protection of Animals against Cruelty. Decree No. 419/2012 Code, the Protection of Experimental Animals is also valid from the beginning of this year, further adjusted issues in scientific experiments, including requirements for the size and amenities of breeding technologies in relation to individual species of experimental animals.

From the above mentioned legislation come the greatest changes mainly the claims on breeding cages for rabbits, greater demands on the size of the floor area and the height of the cage and above the raised platform inside the cage.

In the new cage **AK 4200**, we maintained the width of the old model AK 3000 (600 mm) slightly increased the height (450 mm) and in the entire cage, we have extended the depth for 200 mm to 700 mm. We placed the raised platform at the back of the cage.

We believe that the new cage will better satisfy the requirements of experimental animals getting adapted to the external environment (as the EU administration had intended) and will not complicate staff work in daily operation and regular maintenance.

The **AK system** is constructed for holding laboratory rabbits.

The cages are supplied in variable rack systems that allow the cage to bring together three store batteries after 3, 6, 9 and 15 cages according to building layout of breeding rooms. Mobile Treatment of shorter batteries allows the maximum use of floor space in the vivarium.

When constructing AK series cages we complied with the maximum simplicity and ease of degradability, including dispensers which, together with the selection of the material, allow easy maintenance, long operating life and the ability to easily implement effective disinfection and purification using conventional means.

The plastic used to manufacture frass sheets makes a grid cage resistant to a chemical attack by animal excretions. Selected shape, size and curvature of the conical hole grate is easy to clean while guaranteeing a high standard of animal welfare, which is particularly important for long-term keeping of animals (to reduce the incidence of pressure sores limbs).

Cage AK 4200 for rabbits

The Cage is designed for holding experimental 1-2 rabbits (socially compatible) up to a final weight of 5 kg.

Furthermore, it can be used for their propagation. For rabbits with litter the cage is filled from outside with a nesting box and a floor area of 1200 cm² (according to a customer's wish). Weaning is done to see pens. Tables for breeding harem of guinea pigs.

Cages meet the requirements of the Directive of the European Parliament and of the Council 2010/63/EC in this range.

Cage composition:

- The Cage body of AK 4200 consists of a raised platform (on request) - Tin quality stainless steel 17240 (Class 304) surface stained inside of the outer surface with Scotch Brite finish.
- Door - wire mesh of stainless steel AISI 304 electrically, chemically polished
- Feeder - sheet of AISI 304 stainless steel with Scotch Brite finish.
- Bowls - bottle containing 500 ml of Polyethylene (HDPE), cored stainless steel drinking fountain and retaining cross - sheet of AISI 304 stainless steel
- Grate- moldings made of ABS material

Interior dimensions: cage floor area 600 x 700 mm, floor area of 4200 square meters

Raised platform dimensions: 280 x 600 mm in the back of the cage, in height of 250 mm

Inside cage height: 450 mm

Stand for 3 pcs AK 4200

Stand for 3 pieces of rabbit cages AK 4200 above the other in a mobile twist.

- Depth: 740 mm (840 mm including feeders)
- Width when opening the door: 1210 mm
- Length: 700 mm
- Height: 1825 mm
- Ladder with side rails for easy insertion of cage and frass sheets, door handles - stainless steel Quality 17240 (Class 304)
- Upper and lower cross bars - stainless steel quality 17240 (Class 304)

Stand for 6 pcs AK 4200

Stand for 6 pieces of rabbit cages AK 4200 (two cages in 3 rows above each other) in mobile treatment.

- Depth: 740 mm (840 mm including feeders)
- Width when opening the door: 1210 mm
- Length: 1370 mm
- Height: 1825 mm
- Ladder with side rails for easy insertion of cage and frass sheets, door handles - stainless steel Quality 17240 (Class 304)
- Upper and lower cross bars - stainless steel quality 17240 (Class 304)
- Castors - zinc chromium steel and polypropylene (TENTeprene a diameter of 50 mm), 2 with a brake.

Stand for 9 pcs AK 4200

Stand for 9 pieces of rabbit cages AK 4200 (3 cages in 3 rows above each other) in mobile treatment.

- Depth: 740 mm (840 mm including feeders)
- Width when opening the door: 1210 mm
- Length: 2040 mm
- Height: 1825 mm

- Ladder with side rails for easy insertion of cage and frass sheets, door handles - stainless steel Quality 17240 (Class 304)
- Upper and lower cross bars - stainless steel quality 17240 (Class 304)
- Castors - zinc chromium steel and polypropylene (TENTEPRENE a diameter of 50 mm), 2 with a brake.

Since our earlier produced rabbit cages system with automatic or manual flushing of frass sheets and then diluted manure runoff into fixed built-waste gained, we gained some confidence at various workplaces. We also offer a system for AK 4200 cage in this adaptation.

The AK system for hand washing is modified as follows:

- frass sheet of plastic are replaced by metal frass sheets made of quality stainless steel 17240 with Scotch Brite finish, which are placed under the cages in order to drop to the rear of the rack.
- at the back of the rack system there is a drain sewage system which is prepared for the waste outlet. (Recommended diameter is 100mm)

Stand dimensions of AK cage system for hand washing:

- Height: 2080 mm
- Depth: 860 mm (including leakage of sewage)
- Width when opening the door: 1410 mm
- Width: 1370 mm with a stand of 6 AK cages, 2040 Mm with a stand of 9 AK cages.

The dimensions of the stand show the recommended standard space for each cage rack system for hand washing of the AK system:

- Stand for a 6 AK cages: 1000 Mm x 1570 mm
- Stand for 9 AK cages: 1000 Mm x 2240 mm

Cage dimensions are identical with the base type.

Prices of breeding facility for holding rabbits – AK System

Price list is available upon request. Please e-mail us at: info@velaz.cz