

ISOCAGE P

ISOcage P system has been designed in order to achieve the safety and protection of an isolator coupled with the advantages of an IVC, in terms of ergonomics, flexibility and density.

ISOcage P is an isolator at cage level that allows the carrying out of multiple studies on the same rack, providing strong bioexclusion for maximum animal protection, excluding any possibility of cage-to-cage contamination.

It is especially designed for gnotobiotics, germ-free and immunocompromised animals.



Rack configuration	
ISO30P	30 cages (6w x 5h), single sided
ISO36P	36 cages (6w x 6h), single sided
ISO60P	60 cages (6w x 5h), double sided
ISO72P	72 cages (6w x 6h), double sided

IDEAL BIOEXCLUSION

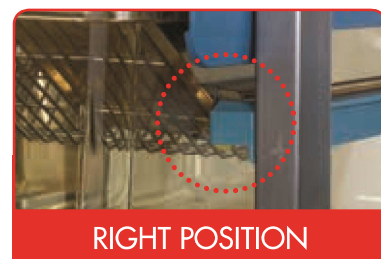
- Twin clamps and double gasket self-closing nozzles: ISOcage P is a real airtight, hermetic cage. Once removed from the rack, it remains pressurized for a long time: safety and protection for the animals
- Pressure driven microprocessor based ventilation control: constant high positive pressure to provide safe intra-cage environment

ANIMAL SAFETY

- Two blowers working simultaneously: redundancy in the unfortunate case of a blower failure
- Battery back-up system can provide adequate ventilation for more than 24 hours in case of power failure
- Automatic Visual Docking Indicator and great visibility: operator can immediately see if the cage is properly in place
- Possibility to export data via USB, error recording, on-line help menu, UPS-saver mode, connection to BMS: safety and easy data monitoring



WRONG POSITION



RIGHT POSITION

DENSITY AND ERGONOMICS

- ISOcage P allows the carrying out of different studies on the same rack, achieving an IVC-like density
- Large touch screen with user-friendly interface



ANIMAL WELFARE

- Air valves placed on the top: no air drafts to minimize anxiety- and stress-induced behaviours. Protection and welfare for gnotobiotics, germ-free or immunocompromised animals
- The Air Handling Unit provides ventilation without transmitting vibrations to the rack, ensuring standardization of the experiment

LOW RUNNING COSTS

- New low consumption ECM DC-Blowers together with protection-related lower personnel costs reduce the overall system's running costs

AUTOCLAVE DECONTAMINATION RACK

ISO decontamination rack allows the complete closed and clean cages, filled with bedding, food, and water to be placed in the autoclave. The open valve allows the steam to enter and decontaminate the whole cage. No more worries about contaminants.

ERGONOMICS AND FLEXIBILITY

- ISO decontamination rack is modular: possibility to stack multiple racks to fit in most autoclave sizes
- The easy locking system and the light weight of the rack make it easy to be used by just one person



ISO MINI P

ISO Mini P is a compact, mobile unit designed to ensure an ideal bioexclusion. Thanks to the battery backup system it can also be used to move the animal groups between units, maintaining the same ventilating conditions and safety of an ISOcage P standard rack.



ISO P integrated solution for germ-free, gnotobiotics and immunocompromised animals

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