

- **INLET and OUTLET ULPA filters**
- **Sealed animal transfer box**
- **External water bottle and feeder**
- **Safe waste removal**



*"The ISOXL allows us increase our capacity and the number of groups working at the same time; it offers a high level of safety for researchers and its catching procedure contributes to decreasing animal stress".*



**HOUSING**



**TECNIPLAST**<sup>®</sup>  
*innovation through passion*<sup>SM</sup>

The ISO-XL is the only BSL3 & BSL4 containment system on the market designed for ferrets and rabbits.

## MAXIMUM SAFETY

### 1/INLET and OUTLET ULPA filters

Cross contamination between cages is prevented while maintaining a high level of protection and safety for your users. The cage achieves biocontainment at cage level, minimising costs for building ABSL3/4 laboratories. The negative pressure works so that the air flows into the cage through the INLET ULPA filter, removing odours and dander from the cage floor and the excreta pan, while protecting technicians from exposure to allergens.

## PRACTICALITY OF USE

### 2/External water bottle and feeder

Bottles can be changed and food refilled without disturbing or stressing the animals. This is extremely practical and safe. Safety is guaranteed also by the presence of a 0.2 micron PALL filter between the drinking valve and the bottle.

### 3/Visual alarm

Thanks to specific sensors, you can monitor internal RH and temperature. In case of cage malfunctioning a red light and the LCD screen starts blinking.

### 4/Transfer box

The transfer box allows operators to move the animal under a bio-containment cabinet without touching it. Easy connection valves allows to anaesthetise the animal in case there is the need to take blood samples and to measure physiological parameters during the experiment and maintaining a high level of safety. A safety locking system prevents the transfer box from accidental unfastening when either the cage door or the transfer box is open.

### 5/Opening for bag in - bag out procedure

The waste tray may be changed during the experiment without disturbing or stressing the animals and without opening the main door of the cage, thus avoiding the risk of touching the animal.

### 6/Auctoclavability

The cage is completely autoclavable but for the electrical parts, for better practicality and safety.



## HOUSING

### BSL3 & BSL4 containment system for ferrets and rabbits

INLET and OUTLET ULPA filters



External water bottle and feeder



Visual alarm



## Transfer box **4**



Nudging device is designed to push the animal gently into the transfer box.



### TECHNICAL SHEET

Cage Overall Dimensions (W x D x H) - mm/inch:  
938 x 119 x 658 / 36.7 x 4.68 x 26

Cage Floor Area (W x D x H) - cm<sup>2</sup>/inch<sup>2</sup>: 4900 / 759.5

Weight: 100 Kg per single cage

Transfer Box Overall Dimensions (W x D x H) - mm/inch:  
819.5 x 224.75 x 293 / 32.26 x 8.85 x 11.53

Trolley Overall Dimensions (W x D x H) - mm/inch:  
862 x 1130 x 409 / 34 x 44.5 x 16.1

## Opening for bag in - bag out procedure **5**



## Accessories

- DOP test KIT (ACBOXDOP03).
- Transfer BOX (2ISO01FTTR01).
- Trolley (2ISOFTMB02).
- Bag in - Bag out KIT (2ISO01BAG01).

## Related Products

To maximise operational efficiency and learn more about these products contact your local representative.



**900 GP Series Rack Washer.** Designed specifically to meet the throughput needs of medium to large size facilities, these machines will live up to your highest expectations in terms of maximum cleaning efficiency, safety, environmental-friendliness and quality construction.



**GP Decontamination Lock.** Full decontamination cycle, with 6 log reduction in just one hour-all inclusive. The unit may be used with Vaporized Hydrogen Peroxide generators from different vendors, gaseous Chlorine Dioxide generators and for chemical fogging.



**Isocage system.** Tecniplast's answer to the requirements of ABSL3 workers in terms of safety and flexibility. Total biocontainment concept typical of Isolators technology is moved at IVC cage level.

# **TECNIPLAST**

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