

Traditional vs Innovive Containment Process

CONTAINMENT

-PROCESS IS CRITICAL

The purpose of containment is to reduce or eliminate the exposure of laboratory workers, other persons, and the outside environment to potentially hazardous agents that are used in a laboratory environment.

Laboratory animal housing presents unique challenges for containment. Designing a comprehensive containment solution requires consideration of factors such as product features, materials flow and the number of process steps required.

Both the performance of the caging system and well-developed protocols are essential to risk management in these unique environments.



Reduced Process Steps
Fewer Personnel Involved
Less Training
Reduced Risk

DISPOSABLE CONTAINMENT

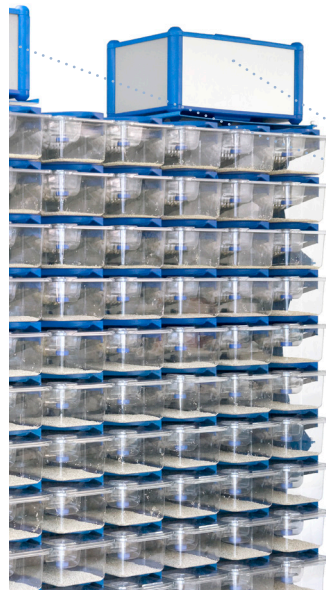
-WE SIMPLIFY THE PROCESS

At Innovive we believe that any containment product is only as good as the procedures and processes associated with it.

Innovive **DISPOSABLE CONTAINMENT CAGES** offer facilities an opportunity to **simplify containment operations** by eliminating the additional process steps associated with washing and sterilizing traditional cages.

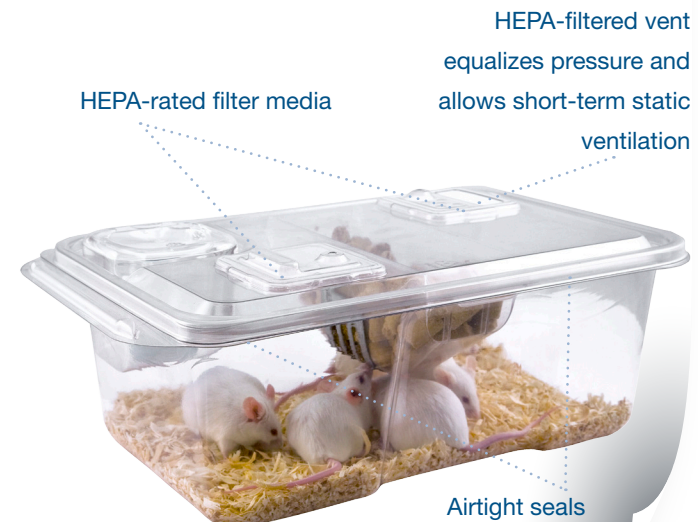
Facilities that use Innovive disposable containment caging benefit from a **one-way material flow** with cages taken directly from the hood to be incinerated or autoclaved and then disposed.

A new irradiated cage is guaranteed at every change.



Innorack® can be set to run in negative mode. Innovive racks can be decontaminated by autoclave, VHP or any standard decontamination process

image 1. Innorack® IVC Mouse



HEPA-rated filter media
 HEPA-filtered vent equalizes pressure and allows short-term static ventilation

Airtight seals

image 2. Innocage® Containment Mouse

The BMBL recommends, whenever possible, using disposable materials that can be autoclaved and incinerated⁽¹⁾.

¹ DHHS, CDC & NIH. *Biosafety in Microbiological and Biomedical Laboratories* 4th edn. (eds, Richmond, J.Y. & Mc Kinney, R.W.) US Government Printing Office, Washington DC, 1999)

INNOVIVE CONTAINMENT PERFORMANCE VALIDATION

Innovive contracted an independent, A2LA accredited lab² that specializes in contaminate control to perform a series of 3rd party validation tests on the Innocage[®] Containment.

A “fractional retention efficiency enclosure test” (IEST RP-CC0021.1) was performed using latex spheres. The spheres were introduced into the supply port operating at 48 ACH. Spheres entering the cage were counted and their size measured.

Any spheres escaping from the cage were captured downstream, counted and measured to calculate the efficiency data below.

PARTICLE CAPTURE EFFICIENCY AT:

.1-.15 microns	.3-.5 microns
99.97%	>99.99%

Table 1. Innocage[®] Containment under NEGATIVE pressure

In addition to achieving this standard of cage-level containment, the Innorack[®] employs a quad-fan ventilation system that provides rack-level HEPA filtration for both the supply and exhaust sides of the system.

For more information regarding these results please contact us at **866 43 CAGES**.

² The American Association for Laboratory Accreditation (A2LA) is a nonprofit, non-governmental, public service, membership society.

The mission of A2LA is to provide comprehensive services in laboratory accreditation and laboratory-related training. Services are available to any type of organization, be it private or government. Laboratory accreditation is based on internationally accepted criteria for competence (ISO/IEC 17025:2005). A2LA also offers programs for accreditation of inspection bodies, proficiency testing providers, and reference material producers.

www.DisposableCages.com

DISPOSABLE BIOCONTAINMENT SOLUTIONS



Innovive Inc 2009

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