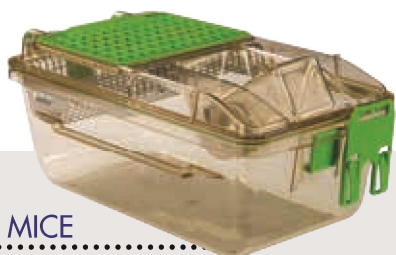


# GREEN LINE



FOR MICE

GM500

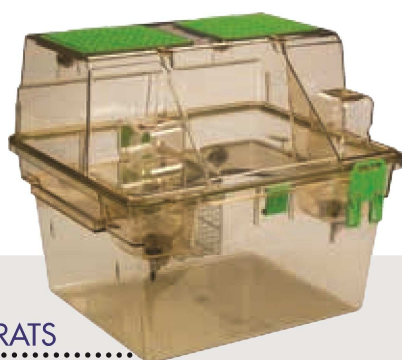
SEALSAFE® PLUS



FOR RATS

GR800

SEALSAFE® PLUS



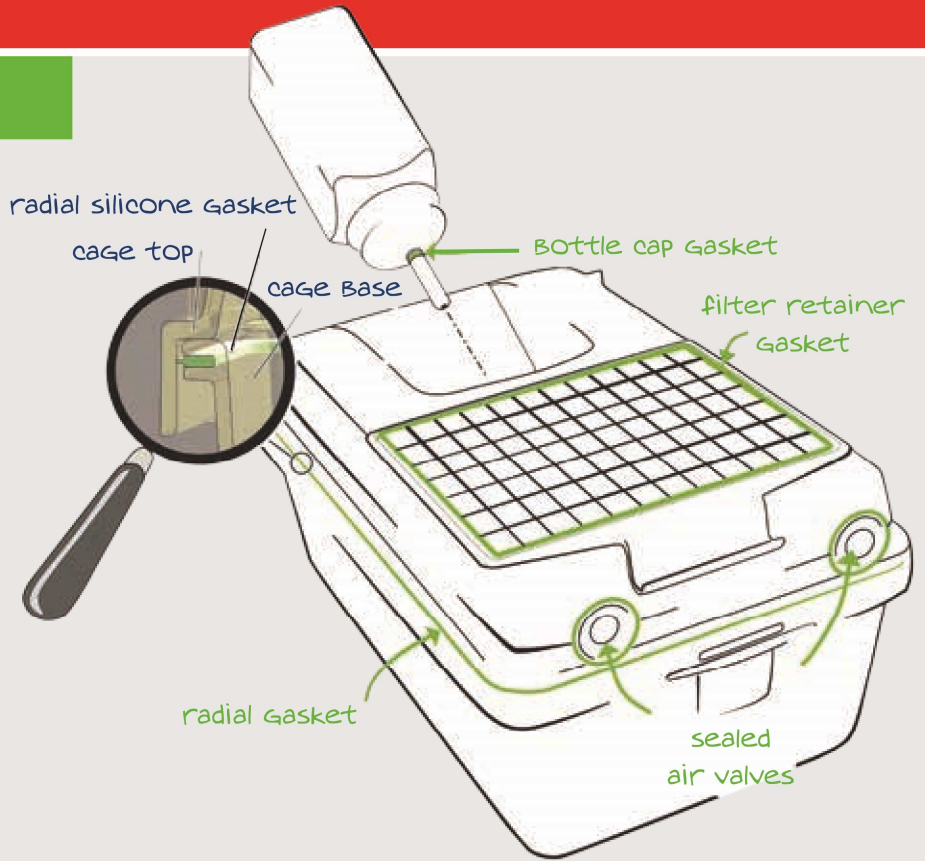
FOR RATS

GR1800  
DOUBLE  
DECKER

SEALSAFE® PLUS

THE SEALSAFE PLUS, ALSO KNOWN AS THE GREEN LINE, IS THE WORLDWIDE RECOGNIZED IVC STANDARD. IT PROVIDES THE BEST PERFORMANCE IN TERMS OF PROTECTION, ERGONOMICS AND DENSITY. DGM IS THE LATEST DIGITAL-READY IVC RACK THAT GIVES YOU THE KEY TO ENTERING INTO THE FUTURE, BEING PREARRANGED FOR THE REVOLUTION OF THE INDUSTRY, THE DVC™.

Sealsafe® Plus cage sealing design is patented: enjoy Tecniplast solutions unique Benefits!

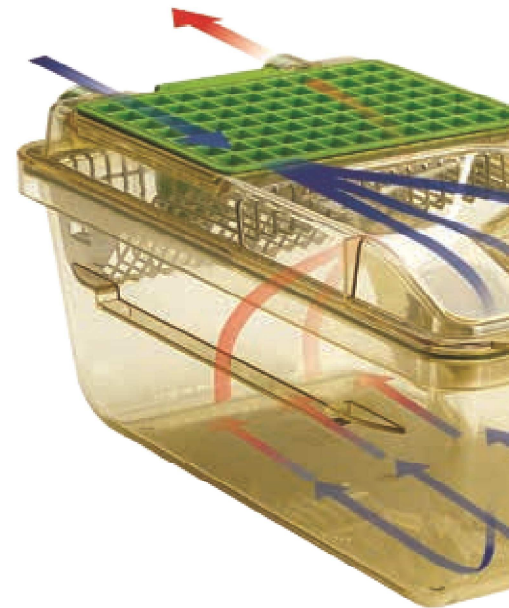


The Sealsafe® PLUS range of IVC products features a PATENTED cage design, consisting of a soft silicone gasket that protrudes radially all around the cage base rim. The perfect sealing is simply achieved by placing the top on the cage body, through the radial interference between gasket and cage top. Consequently, the vertical compression (commonly provided by the use of latches) of the silicone gasket between cage base and top is not required:

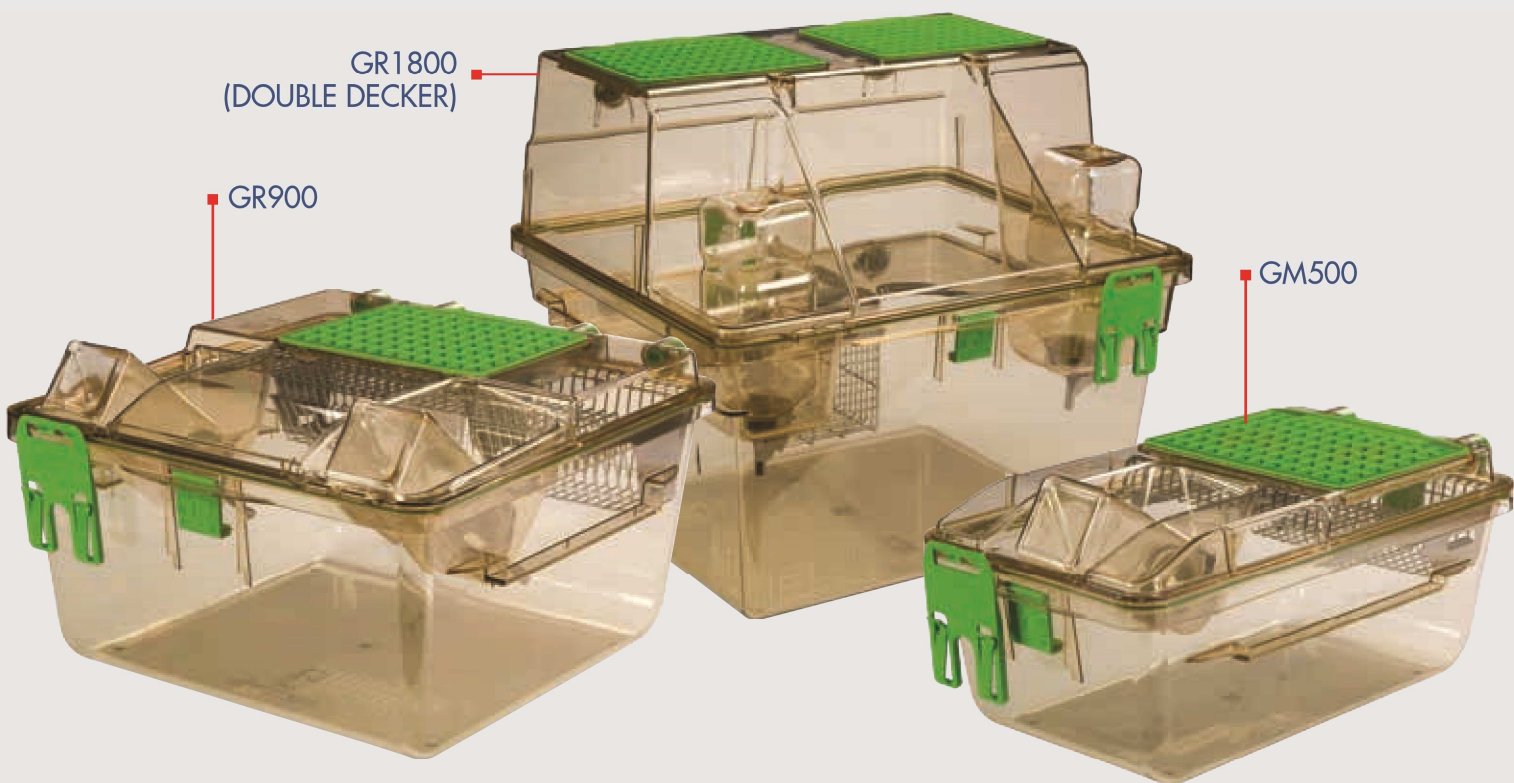
- no latches for the best ergonomics
- no need for latches to achieve excellent containment and high protection

**PROTECTION FOR OPERATORS AND ANIMALS**

- PATENTED cage sealing design: optimal seal and protection without need for latches
- Multiple sealed cage: silicon gasketed valves (not invasive to the cage), bottle cap, cage base and filter retainer ensure maximum sealing
- Large Microbiological filter (VFE\*  $\geq 99.999987\%$ , BFE\*  $\geq 99.9999937\%$ ) at cage level, ensures optimal gas exchange as well as an ideal protection also during procedures or in case of power failure
- DOP tested Air Handling Unit's HEPA Filters provide high protection against bacteria, viruses and allergens



...every time two cage parts meet there is a seal that provides containment



GR1800  
(DOUBLE DECKER)

GR900

GM500



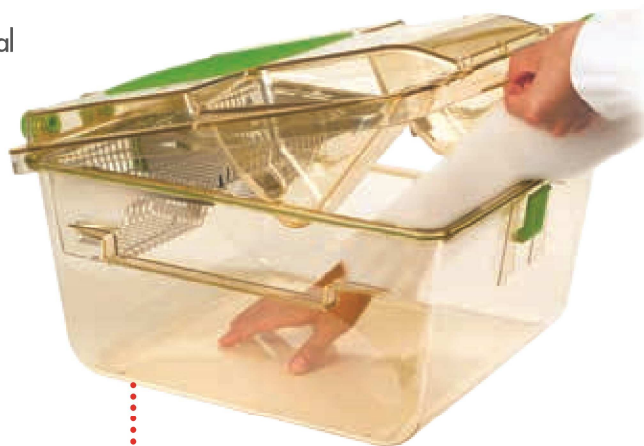
MAX AIR  
SPEED AT  
ANIMAL  
LEVEL:  
0.05 M/SEC

### ANIMAL WELFARE

- Air inlet and outlet valves in the top: no air draft at animal level, avoiding risk of stress and heat loss, as reported in the scientific literature
- Stand-alone Air Handling Unit: Easy, Smart, Sky and Wi Flow provide safe ventilation without transmitting vibrations to the rack, ensuring standardization of the experiment. The system is independently certified by TÜV

### ERGONOMICS

- No latches for a faster cage change, while protection is always ensured by the patented cage sealing; ideal for Automation
- Half length wire bar lid: easy access for a quicker cage change, minimizing the risk of musculoskeletal disorders as well as reducing the cage weight
- Great visibility-focused design and Automatic Visual Docking Indicator with Cage Self-Locking System to help operators perform a quicker daily check
- External self-centering water bottle: quicker bottle change without removing the cage from the rack



HALF LENGTH LID

### LOW RUNNING COSTS

- Stand-alone air handling unit can manage up to 4 single sided racks (or 2 double-sided): energy saving with lower maintenance costs
- ECM DC-Blowers mean low power consumption and less maintenance
- Quick daily check, easy access to the cage and quicker bottle change mean low labour costs

GM500 & DGM RACK

DGM rack and GM500 cage have been designed in order to provide maximum visibility, improving the ease, the speed and the quality of daily room checks.

Digital Ready IVC!



FLOOR AREA:  
501 CM<sup>2</sup>/  
77.66 IN<sup>2</sup>

Cage	Rack configuration	
GM500	DGM54	54 cages (6w x 9h), single sided
	DGM60	60 cages (6w x 10h), single sided
	DGM63	63 cages (7w x 9h), single sided
	DGM70	70 cages (7w x 10h), single sided
	DGM72	72 cages (8w x 9h), single sided
	DGM80	80 cages (8w x 10h), single sided
	DGM108	108 cages (6w x 9h), double sided
	DGM120	120 cages (6w x 10h), double sided
	DGM126	126 cages (7w x 9h), double sided
	DGM140	140 cages (7w x 10h), double sided
	DGM144	144 cages (8w x 9h), double sided
	DGM160	160 cages (8w x 10h), double sided

OPTIONS AND



CAGE FOR AWS



UNI-HAND CAGE BODY

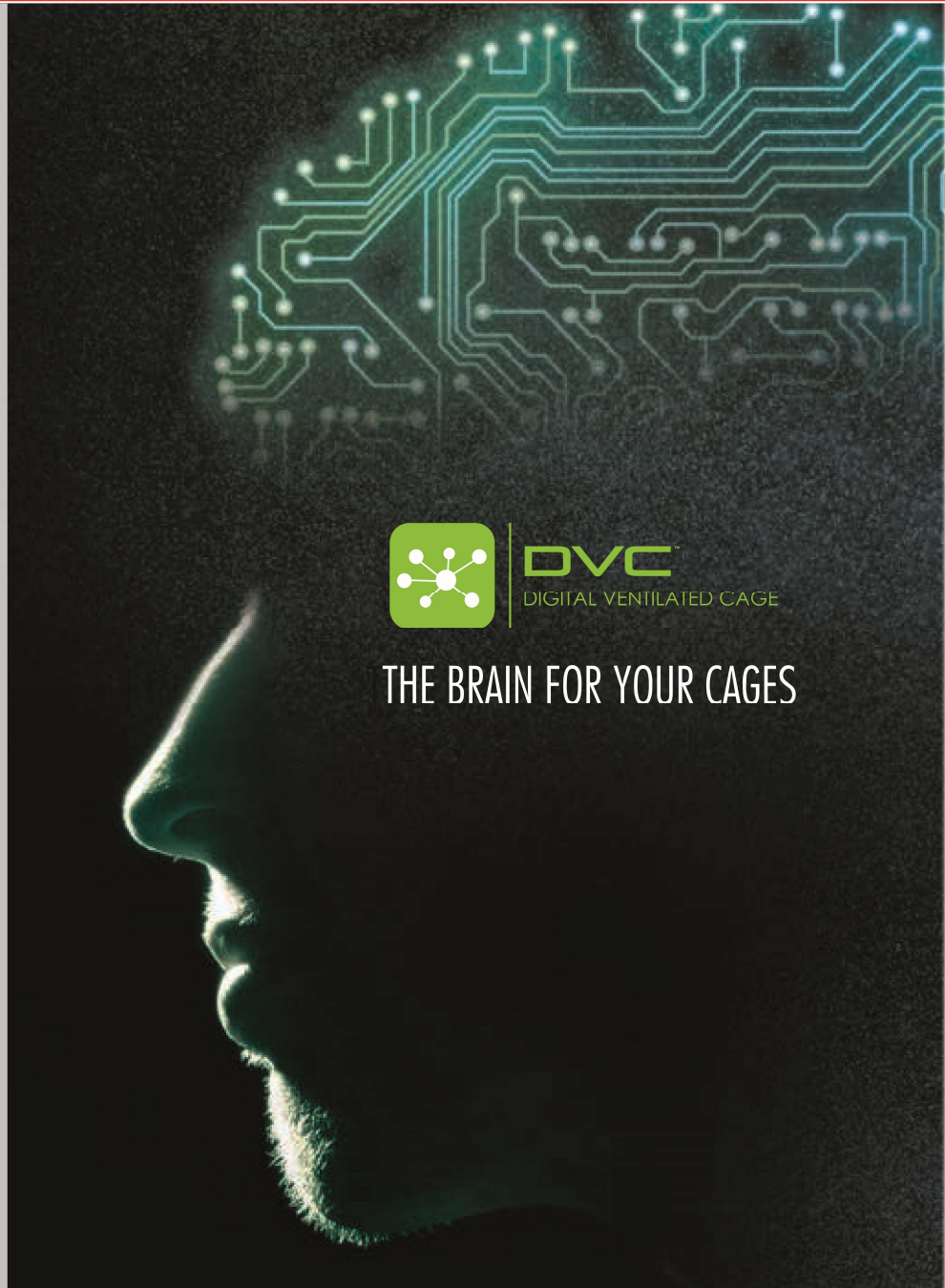


GM500 PLUS

## DIGITAL READY

THE NEW DGM RACK IS FULLY COMPATIBLE WITH STATE-OF-THE-ART REVOLUTIONARY TECHNOLOGIES SUCH AS:

- DVC™ Digital Ventilated Cage - a revolutionary technology able to enhance standardization and reduce running costs through the optimization of the facility cage-related operations and management
- Inventory Stand Alone Module (DVC™-INVENTORY)- the unique system able to automatically perform accurate "Real Time Census", occupancy and location of all your cages
- Leak Detection System (LDS) - the smart system able to detect at the earliest stage any cage flooding due to Automatic Watering System valves failure, thus providing additional safety for the animals and reliability of the research



**DVC™**  
DIGITAL VENTILATED CAGE

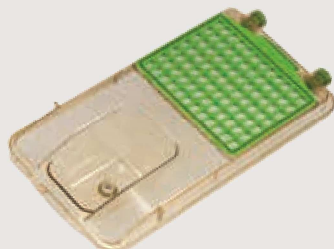
THE BRAIN FOR YOUR CAGES

TAKE A LOOK AT TECNIPLAST DIGILAB BROCHURE TO FIND OUT MORE!

## ACCESSORIES



FLAT TOP



TOP FOR  
WATER POUCHES



CAGE DIVIDER

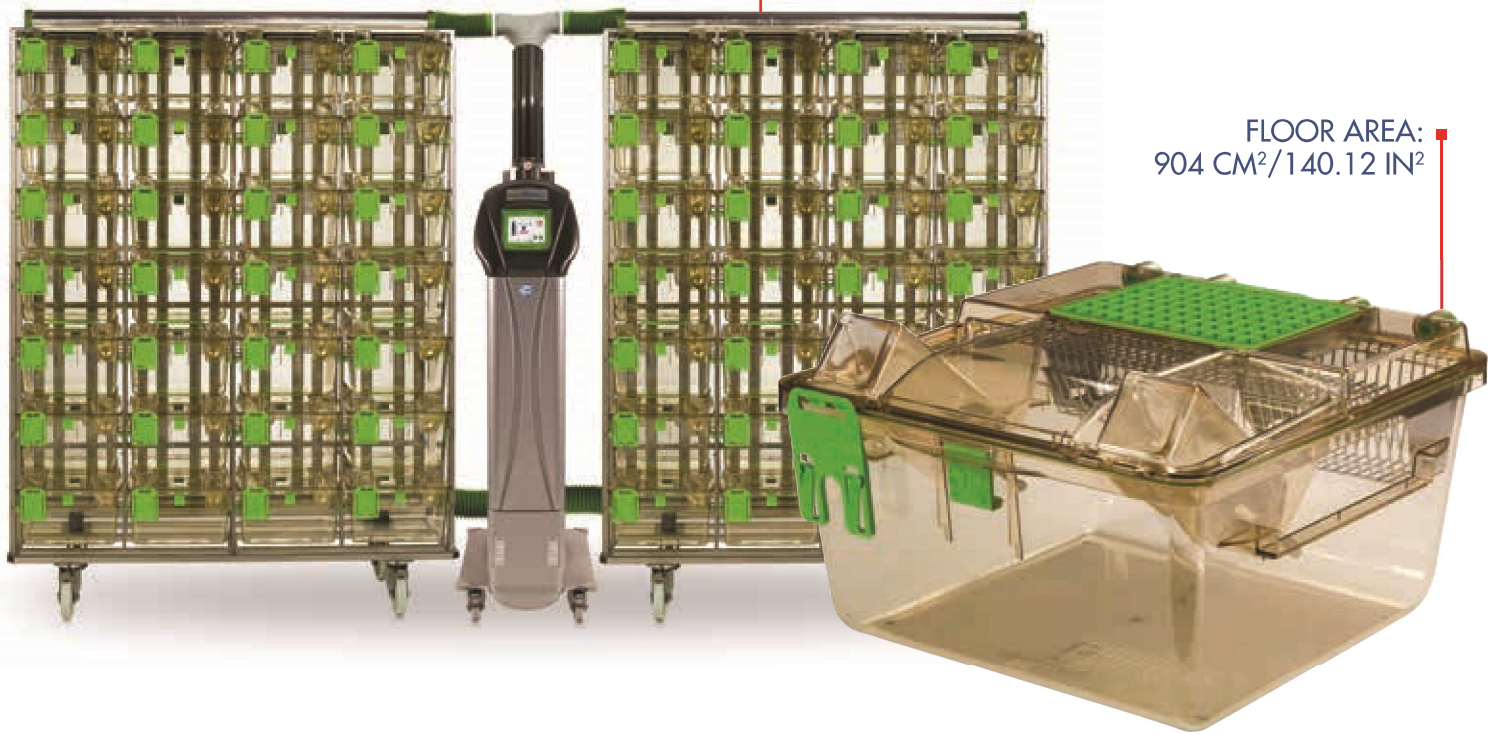


FULL LENGTH LID

GR900

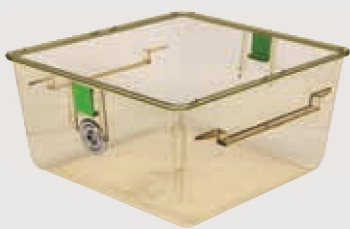
Cage	Rack configuration	
GR900	2GR28	28 cages (4w x 7h), single sided
	2GR35	35 cages (5w x 7h), single sided
	2GR56	56 cages (4w x 7h), double sided
	2GR70	70 cages (5w x 7h), double sided

Seven-row rack under 2 meters high in a small footprint for maximized density: optimized floor area usage with consequent reduction of the facility running costs.



FLOOR AREA:  
904 CM<sup>2</sup>/140.12 IN<sup>2</sup>

OPTIONS AND ACCESSORIES



CAGE FOR AWS



FLAT TOP



TOP FOR  
WATER POUCHES



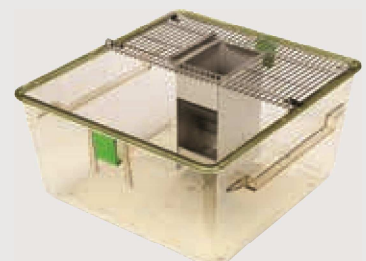
CAGE DIVIDER



LID FOR MICE



LID FOR MICE  
WITH MOUSE LOFT

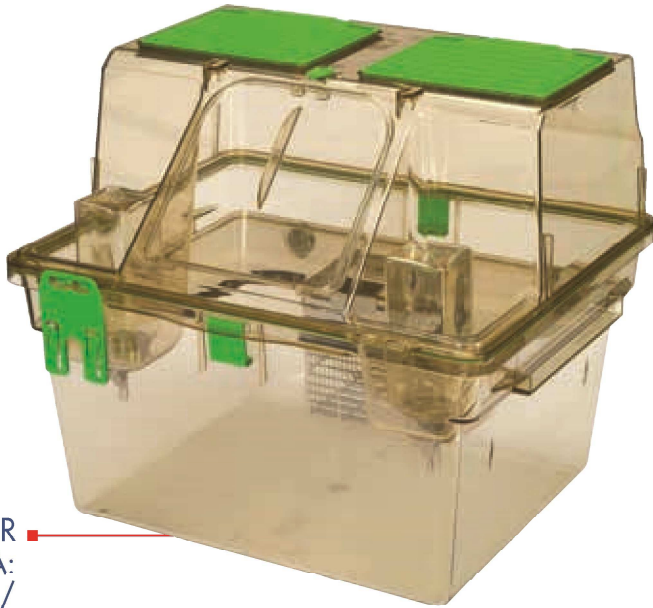


GUINEA PIGS CONFIGURATION

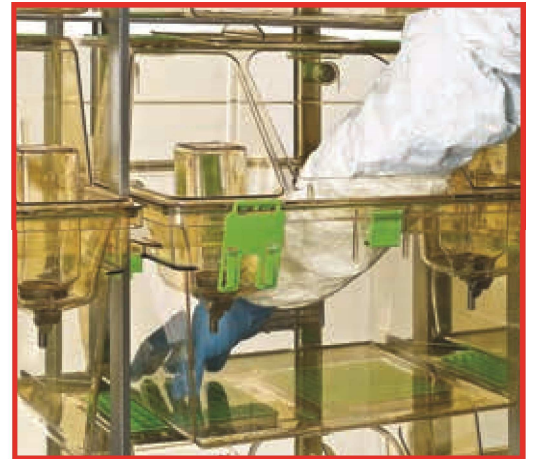
...life is better on two floors!

Double Decker is the only rat cage featuring a two-level, enriched environment, with an internal height of 38 cm: thanks to this three-dimensional space, animals exhibit more positive behaviour like climbing, jumping and standing in bi-pedal posture. Increased positive behaviour means more reliable research outcomes.

- Over 1800 cm<sup>2</sup> floor area designed to ensure perfect visibility on both floors and reduce the cage footprint for easy handling



FLOOR  
AREA:  
1862 CM<sup>2</sup>/  
288.61 IN<sup>2</sup>



Cage	Rack configuration	
GR1800	2GR12DD	12 cages (3w x 4h), single sided
	2GR16DD	16 cages (4w x 4h), single sided
	2GR24DD	24 cages (3w x 4h), double sided
	2GR32DD	32 cages (4w x 4h), double sided

## OPTIONS AND ACCESSORIES



CAGE FOR AWS



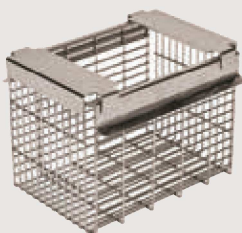
TOP WITHOUT HATCH



TOP FOR WATER POUCHES



RED SKY DECK



ENLARGED CAPACITY  
FOOD HOPPER



CAGE DIVIDER



TOP FOR STATIC APPLICATION