

**TECNIPLAST**



**EM500**  
EMERALD IVC

THE ALL-NEW  
**EMERALD IVC**  
HIGH DENSITY HOUSING



CONFIGURE THE RACK AND CAGES TO YOUR NEEDS

# CONFIGURE THE RACK AND CAGES TO YOUR NEEDS

UP TO TWELVE rows on a standard footprint. You balance density and ergonomics.

Comes in two versions: **Standard and Prime**

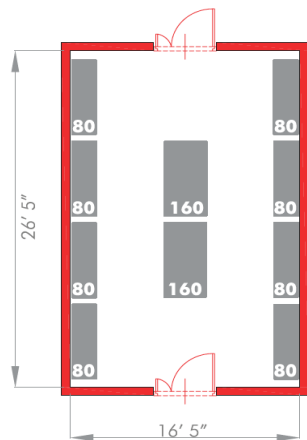
**20% MORE DENSITY** per animal holding room

**20% LESS FOOTPRINT** per animal holding room

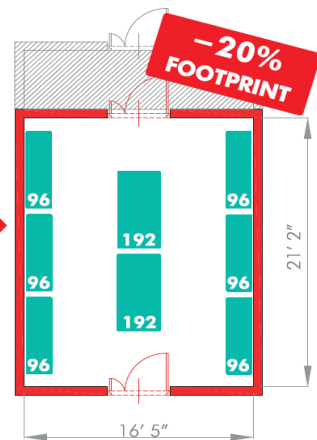
**20% SAVINGS IN BUILDING COSTS** per animal holding room considering a building cost of US \$700/sq.ft.

## NEW BUILDING OR REMODELING

**Standard Caging System**  
10-level rack, 960 cages  
437 sq.ft.

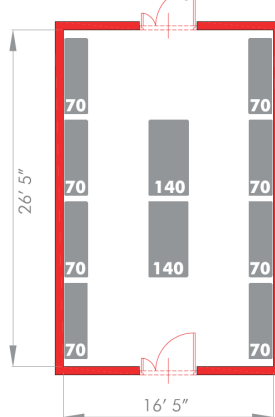


**Emerald Caging System**  
12-level rack, 960 cages  
350 sq.ft.

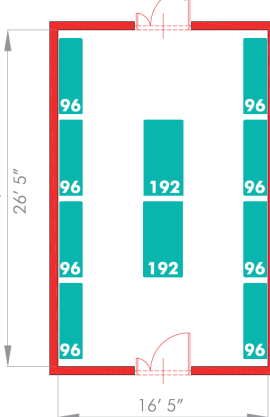


## REPLACING OLD CAGING SYSTEMS

**Standard Caging System**  
10-level rack, 437 sq.ft.  
840 cages



**Emerald Caging System**  
12-level rack, 437 sq.ft.  
1,152 cages



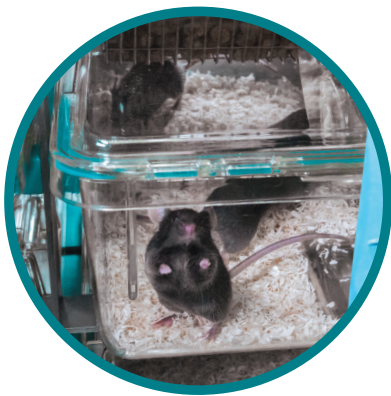
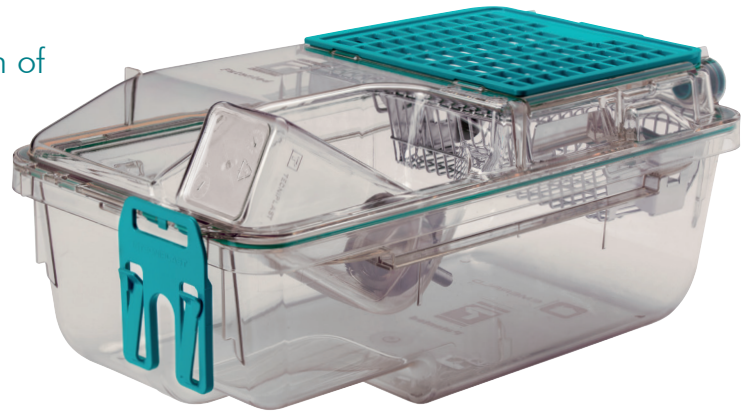
# PERFECT SEALING

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**The Emerald cage features** Tecniplast's patented sealing system for optimal protection of the animals and operators.

Gravity and suction work together for the embedded gasket to seal and secure the cage completely without the use of latches.

Simply place the top on the cage to achieve perfect sealing.



## VISION+

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### Daily health checks made easy!

The cage's high transparency and latch-free design allow full visibility into the cage. This feature is present in both Emerald Standard and Emerald Prime type cages.

## SMARTOP

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**EMERALD SmarTop** (Emerald Prime only) is a self-hold mechanical feature that allows the lid to remain vertically positioned on the cage base during cage changing or procedures.

Benefits:

- **Streamline cage changing**
- **Better ergonomics for the operators**
- **Limited contact with work surface favors aseptic conditions**



**EMERALD PRIME CAGE**  
FEATURES THE INNOVATIVE  
SELF-HOLD LID (SMARTOP)



# IN-RICHMENT

## Embedded enrichment

The EMERALD cage base (Prime version) features a raised corner to serve as an enrichment, a rest or nesting area, and a way to promote exploring and exercise.

Benefits:

- **Promotes the animals' positive behavior and welfare, favoring positive scientific outcomes.**
- **Eliminates the need for toys and reduces the odds of external contamination.**



 **TECNIPLAST**

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COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =

COMPANY WITH  
ENVIRONMENTAL SYSTEM  
CERTIFIED BY DNV GL  
= ISO 14001 =

PATENTS: 2006201744 - 2,545,918 - ZL200610076641.0 - 5068962 - 8,037,847 - 1719406 - 102015000011787 - 10201500001176 | PATENTS PENDING: 913/CHE/2006 - 102017000078916 - 2018205202 - BR102018014324-7 - 3,011,039 - 201810770879.6 - 2018132132 - 201844026024 - 16,032,987 - 18183167.8 - 16722058.1 - 2016249850 - 2,982,711 - 15/566,433 | UTILITY MODELS: 1856473 - 202018104013 - 201821112325.9 - 201821113775.X - 201821112342.2 - 1856485 - 202018104015 - 107124235 - ZL201620306702.7 - 202016002256 - USA-Canada\_Nov2018. Tecniplast reserves the right to modify, improve or upgrade its products without notice.