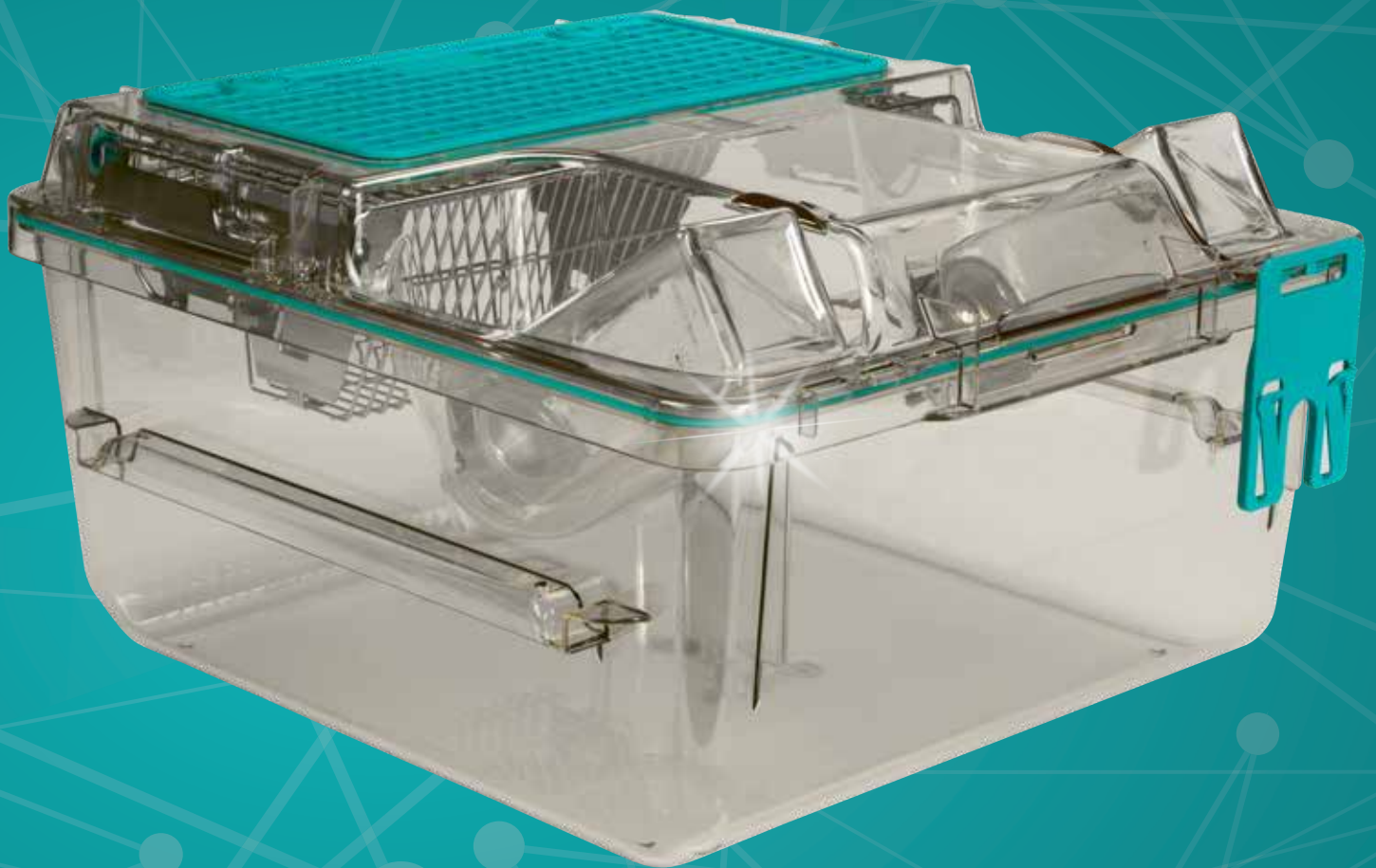


NEW
EMERAT

ER1050

THE NEW EMERALD ER1050 FOR RATS



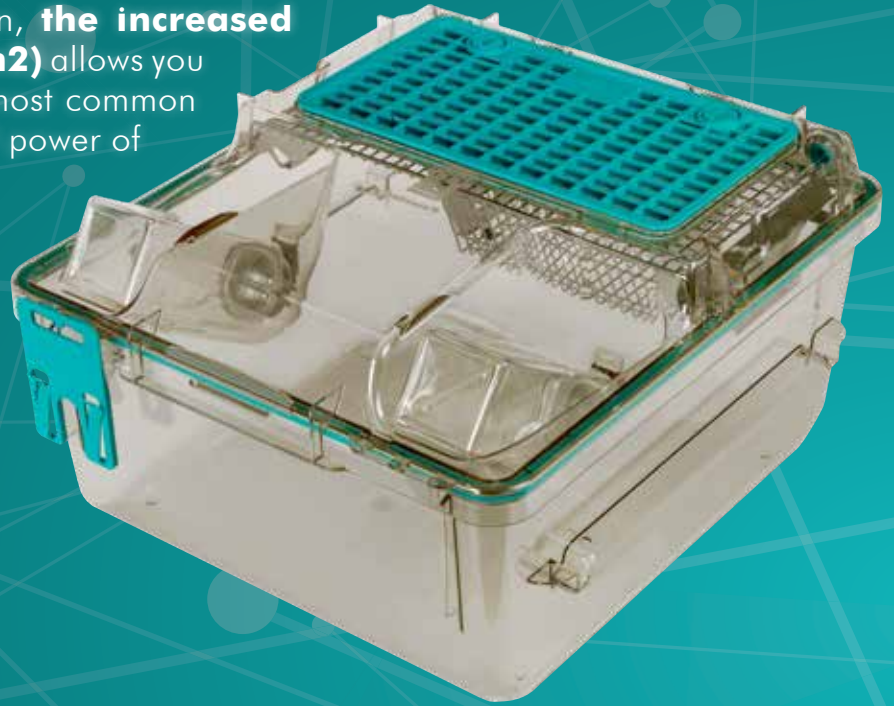
 **TECNIPLAST**

LARGER FLOOR AREA

A COMFORTABLE RAT SUITE FOR RESEARCH

ER1050 is an experimental cage conceived to **improve research outcomes**. Its design is the result of the experience of users from all over the world and combines animal welfare with the requirements of scientific research, improving processability and product handling.

- While keeping a compact design, **the increased floor area (1050 cm² / 163 in²)** allows you to host one extra animal of the most common size, thus improving the statistical power of your studies.
- Additionally, the ER1050 allows you to set up an enriched and complex environment for the expression of animals' natural habits, whilst **promoting positive behavioral traits** - also during experiments.



INCREASED CAGE DENSITY

Scientific research requires flexibility when it comes to design in vivo studies. With its unique feature of 8 rows in less than a height of 2 metres, the **HD Rack** overcomes space limitations and is the perfect solution to **increase cage density** while saving space in vivarium's.

HD Racks provide an unparalleled density for a rat IVC of this size: the number of cages that can be fitted in an Emerat 1050 rack ensures that **extra cage space is readily available** when needed.



GREATER USER EXPERIENCE

ER1050 shares the key distinctive features of the Emerald product line:

• SMARTOP

The **PATENTED SmartTop** provides the best **ergonomic solution** for operators, **simplifying access to animals** while ensuring best aseptic practices.

SmarTop means ergonomics and safety: it facilitates cage change, and its design **minimises the risk of cage contamination**, reducing the space occupied under the changing station. This is key when working with rat IVCs to ease and streamline the researchers' and technicians' work.



• VISION +

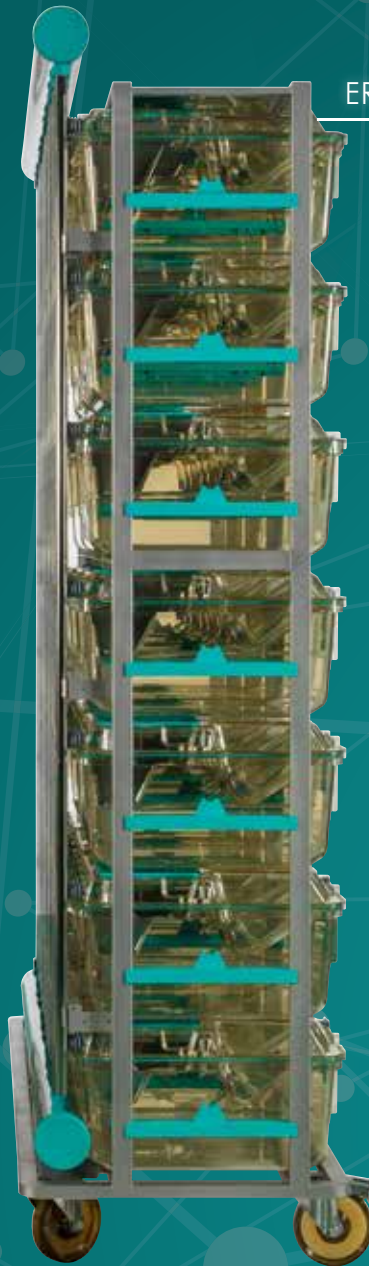
The innovative design provides operators with **clear and unrestricted visibility inside the cage**, thereby reducing handling of cages and animals during daily checks. This is achieved thanks to the Tecniplast **PATENTED cage sealing design**, combined with the locking system inside the cage. Simply place the top on the cage to achieve perfect sealing.

• ALL-IN-ONE RACK

HD RACK: 8 ROWS



ERGO RACK: 7 ROWS



By lowering the top row to an accessible position and raising the bottom row to a convenient height, the 7 levels **ERGO Rack** allows operators to **easily access all cages in any position** and with maximum comfort.

PATENTS: 2006201744 - 2.545.918 - ZL200610076641.0 - 5068962 - 8.037.847 - 1719406 - 102015000011787 - 102015000011767 - 3282831-311330 - 2016249850 - 18183167.8
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COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

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

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innovation through passion

HEADQUARTERS

ITALY | Tel. +39 0332 809711 · www.tecniplast.it · E-mail: tecnicom@tecniplast.it; venditeitalia@tecniplast.it

Sister Companies

AUSTRALIA/NEW ZEALAND | Tel. + 61 2 8845 6500 · www.tecniplast.it · E-mail: info@tecniplast.com.au

CANADA | Toll Free: +1 855.347.8718 · www.tecniplastcanada.com · E-mail: info@tecniplastcanada.com

CHINA | Tel. + 86 (0)21 50810920 · www.tecniplast.cn · E-mail: tecniplastchina@tecniplast.it

FRANCE | Tel. +33 (0)4 72 52 94 41 · www.tecniplast.fr · E-mail: info@tecniplast.fr

GERMANY | Tel. +49 (0)8805 921320 · www.tecniplast.de · E-mail: info@tecniplast.de

JAPAN | Tel. +81 (0)3 5770 5375 · www.tecniplast.it · E-mail: info@tecniplastjapan.co.jp

SWITZERLAND | Tel +41 (0)81 750 31 40 · www.tecniplast.ch · Email: info@tecniplast.ch

UNITED KINGDOM | Tel. + 44 (0)345 0504556 · www.tecniplastuk.com · E-mail: info@tecniplastuk.com

USA | Toll Free: +1 877.669.2243 · www.tecniplastusa.com · E-mail: info@tecniplastusa.com

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