

TECNIPLAST



ISOCAGE 
THE BIOCONTAINMENT SYSTEM

ISORAT800



HOUSING

IsoRat900 N is an isolator at cage level for rats, that provides the protection of an isolator with the advantages of an IVC

IsoRat900 N allows multiple experiments on the same rack.

IsoRat900 N caging system is designed to provide the safety and protection of an isolator with the advantages of an IVC: Density, ergonomics, flexibility, and no risk of cross-contamination.

IDEAL BIOCONTAINMENT

- Effective bio-hazard containment: The exhaust air is HEPA filtered twice, at cage level and when passing through the Air handling unit.
- Personnel safety and protection: The cage features clamps on each side with a secure locking system and double-gasket self-closing nozzles.
- Safe environment: Rack is set on high negative pressure. Cages maintain the negative pressure even when removed from the rack.

SAFETY

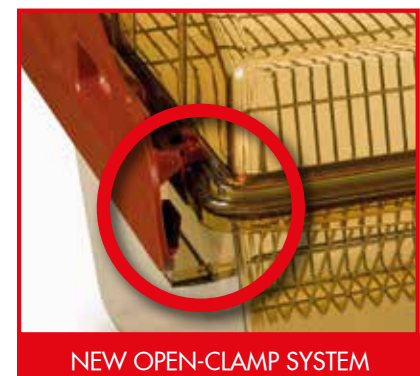
- Highly resistant Polyphenylsulfone ensures the integrity of the cage, even if dropped, hit, or mechanically stressed.
- AHU features two blowers for redundancy in the unfortunate case of a blower failure.
- A battery back-up system provides adequate ventilation for more than 24 hours in case of power outage.

DENSITY AND ERGONOMICS

- IsoRat900 N allows multiple/different studies to be carried out on the same rack without risk of cross-contamination.
- Open-clamp system in place for better ergonomics during procedures
- Password protected and user-friendly interface featuring large screen. Ability to export data via USB, UPS-saver mode, connection to BMS, error recording, and on-line help service menu.

LOW RUNNING COSTS

- Low consumption ECM DC-Blowers



Rack Configuration	
ISORAT25NFExx	25 cages (5w x 5h), Single sided



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

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

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