SABLE ENABLES

Promethion Isocage for Mice

Negative pressure bioexclusion and biocontainment isolation cage

Only Sable Systems offers metabolic and behavioral phenotyping systems with a negative pressure isolation cage, providing HEPA filtration on both incurrent and excurrent air flows to keep microbes contained and researchers safe. The Promethion Isocage is ideal for metabolic and behavioral studies using germ-free or immunocompromised animals, as well as supporting murine SARS-CoV-2 research.

We equip a Tecniplast Isocage-P with magnetically mounted running wheel, food hopper, water bottle and body mass habitat all built into the cage lid, simplifying cage cleaning and animal maintenance. The Promethion Isocage connected to the Promethion Core metabolic and behavioral phenotyping system creates a stress-free environment with high air-flow rates, significantly reducing acclimation time for the animals.





FEATURES

HEPA filters remove particles x microns and larger.

Dual incurrent HEPA filtration isolates the research animal from airborne pathogens

Excurrent HEPA filter keeps pathogens in the cage.

Negative pressure airflow ensures pathogens in the cage only exit through the excurrent outlet port and HEPA filters.

Integrates with Promethion and Promethion Core metabolic measurement systems

Food and water are magnetically attached to the lid simplifying cage cleaning and animal maintenance

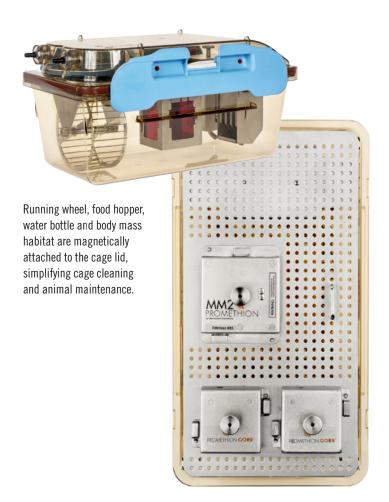
Single Inlet and outlet ports for cage air flow evenly distribute the AALAS recommended 15 air-exchanges/hour flow rates used with Promethion metabolic systems and the sealed cable port provides power to mass monitors inside the sealed cage.







Promethion Isocage for Mice





Applications

- Ingestive Behavior
- Position Analysis
- Thermoneutrality, BAT Studies
- Activity and Exercise Studies
- High Fat Diet Studies
- Obesity and Diabetes Research
- · Aging and Longevity Research
- Toxicology and Immunological Studies
- Microbiome
- SARs-Cov-2 studies

System Accessories

- Food Access Control Unit
- Mass Measurement Device
- Dual Access Control Lid
- Beam Break Array
- Temperature Control Cabinet
- Environmental Sensor Array
- Telemetry for Heart Rate and Temperature
- Running Wheel with Wheel Stop
- Specialized Food Grills

SPECIFICATIONS

TUB SPECIFICATIONS	
Material	High-Temp Polysulfone (BPA free; autoclave up to 131°C)
Floor Area	82 in ² (530 cm ²)
Dimensions (W x D x H)	8.1 x 14.4 x 5.5 in. (21 x 37 x 14 cm)
Weight	1.3 lb (0.6 kg)
LID SPECIFICATIONS	
Material	Stainless Steel (autoclave up to 134° C)
Lid Types	Solid, Wire, Vented
Accessory Mounting	3 (mounting brackets included)



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