

METABOLIC CAGES FOR SMALL RODENTS

For collection of feces & urine from experimental animal

There are many types of metabolic cages developed for metabolic studies of experimental animals. Most of them are constructed from plastic, glass or a combination of plastic, glass, and metal screen with the primary function of urine-feces separation. Many of the cages available have several disadvantages as more number of parts, expensive construction, lack of versatility, inadequate space for the animal and incomplete separation of urine and feces. Orchid Scientific has developed new type of metabolic cage RMC 03 which eliminates all these disadvantages.

Orchid's metabolic cage offer better separation efficiency of urine and feces assuring maximum purity of samples. Components below the cage floor like collection tubes are removable without disturbing animals allowing tests to be conducted over a prolonged period of time without interruptions.

Animal waste is directed through a collection funnel and onto a linear diffuser guide. The diffuser guide allows solid matter to travel down the top ridges of a 50% incline, passing over a urine port, and into a fecal collection vessel. Liquid waste flows along grooves down the inclined diffuser guide, passing through the urine port, and into a urine collection vessel. A urine deflector prevents excess urine from splashing and contaminating fecal specimen. Separate urine and feces samples are collected in two separate tubes.



Features

- Reliable experiment results due to better separation efficiency
- Food hopper design reducing the access or stay of animal inside food hopper
- Practicality of use due to less components or parts
- Minimal Animal Stress : Meets monitoring councils requirements, Sample removing is without stressing animal, access to all elements below the cage floor without disturbing animal
- Durability : Most components are made from autoclavable polycarbonate and S.S. 304 material
- Versatility : Unit accommodates various species with simple feeder and floor change
- Space saving
- Economy: Few parts, simple and rapid assembling



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METABOLIC CAGES FOR SMALL RODENTS

Unique Design Of Food Hopper

Unique Design Of Food Hopper :

Food hopper designed prevents animal stay or access in the food hopper same time reducing the food particle contamination in the urine or feces.

Components Included

- Polycarbonate cage with lid.
- Polycarbonate collection funnel.
- Two S.S. 304 floor grill for rat of different sizes
- Polycarbonate Linear diffuser guide.
- Urine collection tube P.P.
- Feces collection tube P.P.
- Polycarbonate water bottle 250ml with holder.
- Waste water collection tube P.P.
- S. S. universal food hopper.
- S.S. 304 stand for cage.

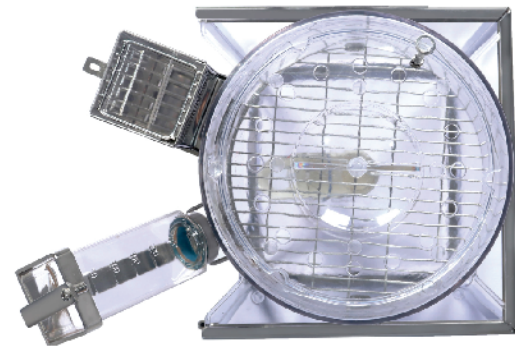
Overall Approx Dimensions : 300x300x650mm

Floor Grill diameter : 235mm

Floor Area : 434cm²



Lid Locking : Lock the lid on the stud



Rack For Metabolic Cages (Small Rodents RMC 03)

Our mobile, stainless steel rack can accommodate up to eight or ten metabolic cages per rack. The two-tier construction ergonomically positions cages at convenient height levels for easy observations and routine maintenance. Racks are designed to minimize the number of parts necessary, thus reducing labour and saving your valuable time.

Racks are supplied in parts ready to assemble for ease of transportation.

MODEL	NUMBER OF SHELVES	NUMBER OF CAGES/SHELF	TOTAL CAGES/TROLLEY
RMC-S-T-4	2	2	4
RMC-S-T-8	2	4	8
RMC-S-T-10	2	5	10
RMC-S-T-12	3	4	12



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