



- Biocontainment IVC System
- Animal Cage Washer
- Animal Bedding Dispenser
- Animal Water Bottle Filling System

Biocontainment IVC System :

The biocontainment mouse or rat IVC cage is developed for raising infected animals in the laboratory. It prevents release of contamination from cage to the environment and prevent cross-infection between different cages. Orchid's Biocontainment IVC System gives safety as of an isolator along with advantages of an IVC System. Exhaust air is HEPA filtered at cage level. Further in addition to the cage level HEPA filtration, Exhaust unit inside the Air Handling Unit is fitted with UV-C light for the disinfection of the exhaust air before releasing to the environment ensuring additional safety.



Features :

- Constant high negative pressure.
- Cage level HEPA filtration ensuring confinement of biocontainment within the cage.
- UVC light fitted inside Air Handling Unit gives additional disinfection ensuring complete safety.
- Additional locks and spring-loaded cage inlet and outlet valves ensure hermetic cage.
- Self-closing rack valves ensuring.
- Twin blower system ensuring safety even in case of blower failure.

Ergonomics :

- Card holder fitting on the edge gives visibility of animal inside the cage.
- Excellent lid stacking without damaging cage locks.

Animal Welfare :

No direct air drift at animal level, air inlet and outlet at the top level ensures less animal stress and heat loss.

System is fitted with battery back unit ensuring animal safety in power failure.

Safety :

Air tight spring-loaded air inlet and air outlet valves ensure no air leakage.

Silicone compression seal in the lid ensuring complete seal around the cage.

Animal Cage Washer (Cabinet Type) :

Orchid's Cage and Bottle Washer is designed for facilities that require a heavy-duty washer with the same features as a floor mounted cage washer but in a cabinet configuration. The automatic cage washer equipment designed by Orchid Scientific is according to the requirements of users in the laboratory animal industry for cage cleaning. It uses hot water combined with acidic or alkaline cleaning agent, high pressure and large flow spray method to achieve the automatic spray cleaning process for cage boxes, box covers, metal gride and drinking bottles.



Animal Bedding Dispenser :

Orchid's Bedding Dispensers are designed to fill animal bedding material quickly and accurately into the animal cages. By providing a consistent volume of bedding material, a bedding dispenser will help reduce overall waste and cost consumption. Animal bedding dispensing equipment helps to create a safer work environment by removing the dust generated while adding the bedding material in the cage. Our animal bedding dispensing equipment maximizes overall efficiency, while our simple-to-use and programmable screen make for easy operation. Equipment is fitted with Two-stage HEPA high efficiency air filtration system.



Animal Water Bottle Filling System :

Orchid's automatic Animal Water Bottle Filling System is useful for filling drinking water in the animal cage water bottles efficiently and accurately with minimum spillage. Equipment is fitted with touch screen display to set the volume of water to be dispensed. Tray for holding for the water bottles as per the size of bottles can be customized.



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