

MiniSmart™



The most compact ventilated rack for transport, post-procedure recovery and small-scale study applications

- A complete range of rack options from the basic to the most sophisticated
- High air change rate (up to 120ACH) whilst retaining low air speed through the cages
- Near uniform differential pressures in cages across the rack
- Compact design ensures maximum capacity within a small floor space
- Available in multiple sizes; both single and double-sided racks with cages for either mice or rats
- Uses same cage units as the SmartRack™ family for compatibility
- DigiFlow™ microprocessor option for advanced monitoring and control of airflow
 - Cart available for easy mobility
 - Battery back-up for mobile use
 - Telemetry option for monitoring studies
 - Heating option for temperature stability

MiniSmart™

The MiniSmart™ is the latest update of the uniquely compact MiniRack™ version of the SmartRack™ system.

The compact size of this ventilated rack makes it ideal for many applications such as –

- **Transport** : to ensure the biocontainment and bioprotection barrier is not broken during the movement of animals between facilities or to the laboratory. A transport trolley is available and the MiniSmart™ can be specified with an auxiliary battery supply to keep the ventilation running when the rack is distant from a power supply. For transporting in vehicles, a 12v DC power lead is available which fits a standard car power socket
- **Post- procedure recovery** : to allow animals to recover post-procedure, the MiniSmart™ maintains the biocontainment or bioprotection barrier, with comfortable conditions for the animals, without taking up a lot of laboratory space. Research animals can be easily observed in the laboratory, while other animals are being worked with and without having to travel to the animal facility. A special heated version of the MiniSmart™ is available for this and other applications
- **Small Studies** : The compact size of the MiniSmart™ makes it ideal for small studies or for allocation to single researchers, with all the benefits of a full size ventilated rack
- **Quarantine** : A MiniSmart™ can be easily allocated to house rodents from multiple locations during the quarantine period. The well-proven biocontainment ensures no cage to cage transfer of infections
- **Telemetry**: A 6 cage MiniSmart™ for rats is available in a configuration for suitable for DataSciences and other telemetry equipment. The cage shielding ensures no cage to cage transfer of telemetry signals

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