



M2DCON

SafePass GDS™

The M2DCON Transit Family of Gaseous Decontamination Systems (GDS) using dry hydrogen peroxide vapor (HPV) are ideal for operations requiring rapid and effective bioburden reduction on materials before entering cleanroom spaces. The systems offer a *rapid cycle time*, a *high level reliability*, *minimal maintenance* and *user friendly operation*.

Transit GDS Systems are available in both **fixed location** and **mobile versions**, providing optimal flexibility to enhance your daily workflow. Transit GDS Systems are scalable and customizable to meet your specific requirements. Proprietary CoolFlow™ technology provides dry, non-condensing HPV capable of meeting the stringent temperature requirements for items being decontaminated.

Fewer process interventions reduce labor, streamline operations and maintain material cleanliness.

SafePass GDS is a fixed location system which integrates into the cleanroom and facilitates directional movement of materials into the clean environment via interlocking doors.



- **Integrated System Housing**
 - Modular assembly to ease installation
 - The HPV generation system is mounted inside the system envelope
- **Mobile and Configurable Shelving System**
 - Adjustable shelving allows for flexible loading patterns
- **SafePass Decontamination Chamber**
 - Interlocking Doors
 - Chamber accommodates one cart
- **Integrated Hydrogen Peroxide Sensors**
 - Low concentration safety sensor
 - Real time monitoring of critical process parameters
- **User Interface**
 - Intuitive, Touch Screen Controls
 - E-Stop and process indicator lights
- **Air Dryer/Conditioner**
 - Allows higher HPV concentrations for shorter cycle times
 - Temperature Control

Preventative Maintenance: Transit GDS Systems are designed to limit preventative maintenance requirements. It is recommended to calibrate sensor bundles every 12 months; typical sensor life is 5 years. Peristaltic pump tubing should be replaced every 6 months; user can follow the simple instructions to easily replace the tubing assemblies.

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Innovative and Proven Decontamination Technology

SafePass GDS™



Transit Cart



- Loadable volume is 1.2m³
- Flexible Load Configurations
 - Adjustable shelves to accommodate varying loading patterns
- Polypropylene baskets hold materials six (6) per shelf
 - Multiple styles commercially available
- Each Basket Can Hold:
 - Four (4) 500mL IV bags,
 - Four (4) 1L IV bags,
 - Ninety-Six (96) 22mm x 50mm vials, or
 - Forty (40) 45mm x 110mm vials.

Process Flow

