

DosyMist® CS

Fully Automated Centralized System for airborne VH2O2 decontamination of cleanrooms
For small & large volumes



Supply and Control cabinets located in Technical Room



Remote Spray Head installed in cleanroom ceiling

WORKING PRINCIPLE

DosyMist®CS it's a fully automated centralized biodecontamination system by VH2O2 (Vaporized Hydrogen Peroxide). The system is implemented in a technical area or Class D room from where can take remote control over different spray heads installed on room's ceiling and manage/supervise cycles.

Such a centralized fixed system should be considered when the biodecontamination of rooms has a high turnover. Its implementation reduces drastically the risk of mistakes since the preparation work is simpler and manual operations and reporting is minimal.

MAIN FEATURES

- Customizable to any room layout, specific equipment (Isolators, RABS, MAL), frequency of use, simultaneity of use, etc.
- Industrial control system based in a PLC Siemens and Touch-screen HMI.
- Communication / live monitoring via Profinet protocol
- Auto check diagnostic.
- Datalogging & Audit trail. Data integrity check and possibility of 21CFR part 11 through customer facility.
- Recipe management: allows to validate different recipes according to the zones. (Volume to be injected, speed and mode of injection, ...)
- System can be linked to Active Directory by adding Simatic Logon feature.
- Monitoring alarms / defaults
- Refillable H2O2 reservoir of up to 10L for each load cell.
- Remote connection for maintenance / upgrade from Solidfog Workshop

KEY ADVANTAGES

- Flexibility / Modularity
- Quick start
- Ease of implementation
- Low H2O2 consumption
- Faster Cycles

Possibility of combining fixed spray heads and mobile units under the same control system. Expansion can be easily implemented.

No dependence of low humidity conditions to start the cycle

No dependance of HVAC air-ducting design, position air inlets/outlets for achieving an even distribution.

Dispersion of H2O2 is performed by the kinetic energy of the droplets. The even distribution is achieved by design.

Injection of 12% H2O2 until the saturation point. Working with Micro-condensed Hydrogen Peroxide principle.

Due to lower ppm required during contact time, there's less absorption of H2O2 in materials, shortening overall cycle times

DISTRIBUIDOR
AUTORIZADO:



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