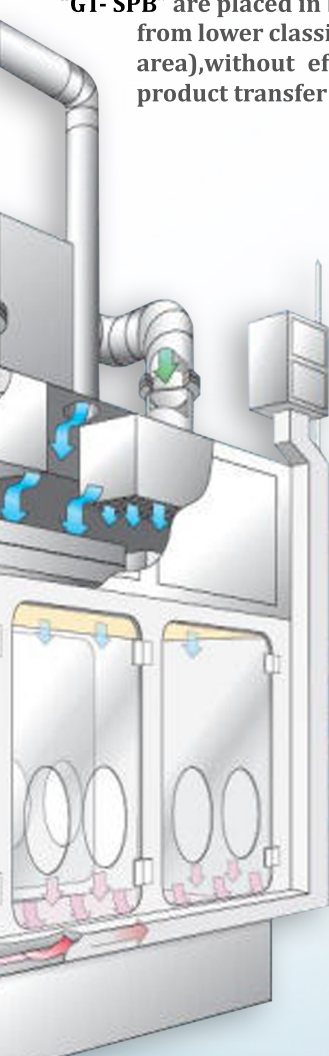


GROYNETECH introduce “SMART STERILE PASS BOX”, for sterilization of outer surface of any object, which is not suitable for AUTOCLAVE & compatible with HYDROGEN PEROXIDE in vapour phase.

GroyneTech (GT) Sterile Pass Box s - SPB (Air Cleanliness level - ISO Class - 5 @ rest in normal operation) with Recovery Cycle Programmed provides personnel, environmental and product protection. Airflow is “Once Through System” for respective VHP cycle operation with aeration cycle, as per process requirement, which provides personnel protection. In addition, the downward flow of HEPA filtered air provides product protection by minimizing the chance of cross contamination along the work surface of the “SPB”.

Air has passed through HEPA filter by principle of Once through System in respective VHP Cycles.

“GT- SPB” are placed in between two different zone of area, for transferring of product from lower classified zone to higher classified zone (Non - Sterile area to Sterile area), without effecting the balancing of respective zone, Containment free product transfer to higher classified zone.



Unipharma
DELIVERING GLOBAL INNOVATIONS

SPB OPERATES WITH DEDICATED VHP CYCLES:

- Dehumidification
- Conditioning
- Bio-Decontamination
- Internal Aeration
- External Aeration



TECHNICAL FEATURES : DESCRIPTION

Material of construction	: Contact part SS 316 & Non contact part SS 304
Surface finish	: <0.8Ra
VHP Cycle	: Programmed with PLC of SPB.
Supply HEPA	: EU 13 Grade, with an efficiency rating better than 99.997% for 0.3micron
Chamber size	: Customize
Automation	: Allen Bradley PLC with 6" Color Touch Screen
Integration	: VHP Generator
SCADA	: Optional Feature
Sterility Mode	: Night Mode Operation
Air handling module	: Compact unit (Consisting of Blower, Automatic modulating valve & VHP inlet/outlet point) Pressure Monitoring & Control, Differential Pressure transmitter for control pressure inside chamber @ different mode.
Integration of VHP to SPB	: SPB are integrated with VHP by control valves & the respective controls of VHP

