

SMALL & MEDIUM SIZED SPACE
BIO DECONTAMINATION UNIT



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SATEJ SSDTM ULTRA
PNEUMATIC OPERATED



FEATURES

- Space treatment up to : 5M3
- Gas like diffusion of H2O2 dry fog
- Proprietary Nebulization process results into homogenous coverage
- Liquid disinfectant - 6 to 8 % H2O2
- Suitable for H2O2 based disinfectant only
- Bio decontamination in PASS BOX , Biological safety units, Aseptic barrier system
- Dry fog contains millions of reactive molecules to execute microbial kill
- The process does not affected by inner space temperature or Relative humidity, soshortened Cycle time.
- Inbuilt compressed air auto START and AUTO SHUT OFF Valve operation.
- DELAY START & AUTO SHUT OFF operation.

Automated dry fog
H2O2 generator for Bio
decontamination of
Pass box, Aseptic barrier
system, biological safety
cabinets in pharmaceutical,
life science industries &
laboratories.

SECURED PROCESS

- Digital registration of different variables that will ensure cycle has been properly performed.
- Digitally controlled dispensing & disinfection process cycle.
- Accurate and Reproducible results

PROCESS DATA TRACEABILITY:

Process data retrievable with LAN connection to PC.

Can retrieve the following Information for each process:

- Treatment Date & Time
- Users' names, Treated space Names, volume of space
- Disinfectant Name

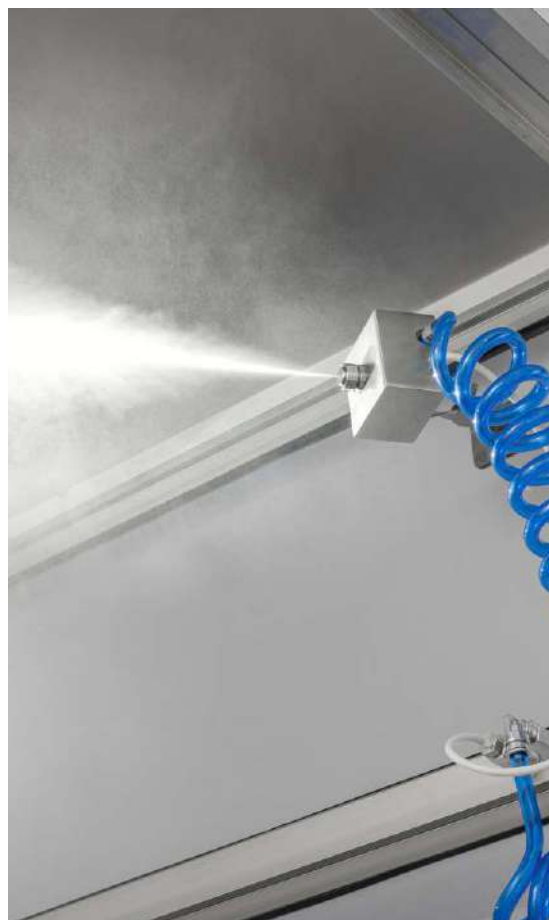
Total consumption of Disinfectant in ml

- Treatment duration
- Application dosage: 6ML/M3, 9ML/M3, 12ML/M3, 18/M3



TECHNICAL SPECIFICATIONS:

- Nozzle assembly : SS316
- Nozzle attachment plate: SS316
- Nozzle set up attachment to be mounted on inner surface of pass box or space to be treated
- Liquid disinfectant dispensing flow rate liquid 10-15 ml/min
- Medical grade pump and tubing for liquid dispensing – Tubing Medical grade
- Machine unit body- SS304
- Pneumatic Air line fitting: SS304 or equivalent engineering plastics
- Air Pressure Regulator : To adjust air pressure
- Liquid container set with lid- Polypropylene (2 liter capacity)
- Liquid Tubing – Silicone
- Liquid line connector, liquid strainer –SS304
- Hardware – SS304
- Weight – 13 kg approx
- Dimensions: As built.
- Required air line tube and liquid line tube till nozzle set up attachment will be provided.





CUSTOMER SCOPE

- Compressed Air supply 2-5 bar pressure @ 20 CFM
- Compressed air supply line: 12mm OD PU tube.
- Power supply – 230V AC, 50HZ.
- To decide appropriate location, height for Nozzle set up mounting on pass box.
- Necessary evaluation and engineering approval.
- Final Installation/ mounting of Nozzle Assembly, liquid line & AIR LINE SET on Pass box Door or wall side.

