

SAS

Surface Air System

Your Partner in Environmental Microbiological Monitoring

Meets ISO 14698-1 for Biological Contamination Monitoring

pbinternational

SAS ISOLATOR



Specifically designed for critical air monitoring inside ISOLATOR and in BARRIER ENVIRONMENTS.

Programmable unit remains outside the controlled area

Independent sampling head may be positioned anywhere in the isolator.

Meets ISO 14698-1 Standard for Biological Contamination Monitoring

Flexible to use either Contact Plates (RODAC) or Petri Dishes

Basic Principles:

- Uses simple and ready-to-use agar contact plates for air and surface sampling.
- Sample a known volume of air for a variable time to achieve a range of sampling volumes.
- Aspirate air in laminar flow with sufficient velocity to impact airborne microorganisms onto agar surface for incubation and evaluation.
- Establish data on the microbial level in the selected environments to monitor sanitization trend and control contamination.
- Organize sequential sampling to obtain a more

Popular Features of SAS Products:

- Lightweight, Compact, Portable and Remote
- Durable and Rugged
- Optimized Performance and Quality Assurance
- Brand Confidence and Product popularity
- International Standard and Worldwide Service and Support Network
- 25 years of Experience in 5 Continents
- Largest and Complete Range of Options
- Extensive Settings and Configurations
- Versatile Operating Range
- Total Traceability and Multi Language Options

Applications

- Microbiological monitoring of clean room and other controlled environments and critical processes.
- Facility Certification for Compliance Regulations
- Quality Control and Inspection for Medicinal Products
- Performance monitoring, Evaluation Verification and Trouble shooting
- HACCP/GLP/GMP Application and Assessment
- Air/Surface Contamination
- Air Quality and Bio-aerosol Assessment in the Indoor environment
- Environmental Microbiology and Biotechnology Research and Validation
- For the Pharmaceutical, Healthcare and Food Industries

Other Features

- Flexibility to use either RODAC Contact Plates or Standard Petri Dishes is required.
- Inter-changeable heads and holders
- Optional disposable heads
- Fast flow rate of 180 l/min enables 10 m³ air sampling to be completed within 1 hr.
- Sampling large volumes of air a short period of time (1 cubic meter sampling in less than 6 minutes)
- Sequential sampling for "in operation" monitoring according to UPS recommendations
- Pyramid shape for better stability in vertical stand-alone position and enhanced ergonomics.
- Bi-directional communication (SAS Super Network) between one or more SAS Samplers.

