

Sas

VWR 



SAS SUPER ISO

YOUR PARTNER IN ENVIRONMENTAL MICROBIOLOGY

“SAS SUPER ISO” AIR SAMPLER PERFORMANCES

- Compliance with ISO 14698-1
- Large LCD with illuminated touch panel
- All operator commands via touch keypad for easier cleaning
- Over 70.000 litres of air / 8 hours autonomy
- Infrared transfer of sampling data to PC
- Up to 300 sampling cycles memorized
- USP chapter < 1116 > and 21-CFR 11 Compliance
- Sampling rate accurately maintained by speed sensor-incorrect aspiration aborts cycle
- Design avoids turbulence in unidirectional air flow and re-aspiration of tested air in accordance with ISO specifications
- Total traceability
- Calibration system by finger-tip control without opening the instrument
- Automatic calibration reminder
- Easy calibration monitoring with additional anemometer system
- Sampler can be operated while attached to mains
- 8 prefixed modifiable sampling configurations
- Sampling data can be downloaded on a PC in both non modifiable (.sas) and Excel format

REFERENCES

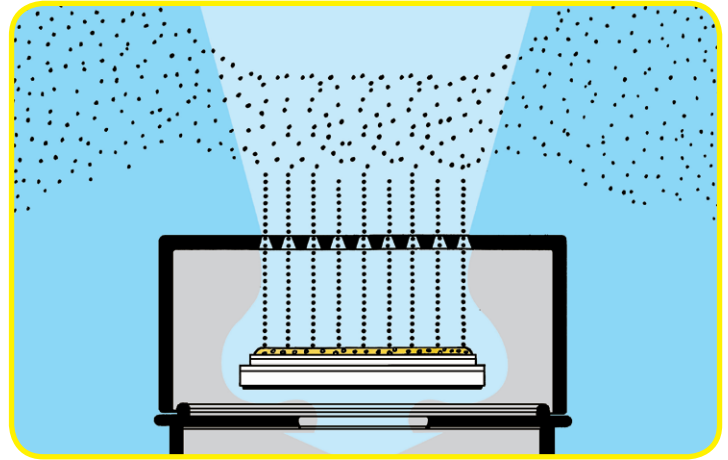
- ISO Standard 14698-1 - Cleanrooms and associated controlled environments Biocontamination Control - Part 1: General Principles and Methods
- FDA - 2004 Guidance for Industry on Sterile Drug Products by Aseptic Processing - Pharmaceutical current Good Manufacturing Practice
- ACGIH - Guideline for Assessment of Bioaerosol in the Indoor Environment
- ASTM - Draft Protocol - Committee D22.05.06
- USP Chapter <1116> Microbiological Evaluation of Clean Rooms and Controlled Environments
- EU Guide for GMP - Manufacture of Sterile Medicinal Products Control Medicines and Inspection



THE BASIC IDEA

- To use a simple plate for air and surface sampling
- To have the additional flexibility of choice, either Contact plates or Petri dishes
- To apply cGLP and cGMP to air sampling operations
- To establish data on the microbial level in selected environments
- To organise sequential sampling to obtain a more representative air sample under actual operating conditions

THE PRINCIPLE



TECHNICAL CHARACTERISTICS

- Sampling time: Approx 6 minutes with SAS ISO 180 and 10 minutes with SAS ISO 100
- Battery autonomy: Metal Hydrate 8 hours
- Sampling autonomy: 70.000 litres
- Power: 8,4 Volts - 2,7 amp/h
- Control Panel: Large illuminated touch screen
- P.C. connection: by infrared
- Aspirating chamber: aluminium or stainless steel
- Aspirating head: aluminium, stainless steel or resin plastic
- Main body: polyurethane resin unitary body without split
- Body shape: pyramidal for ideal stand up
- Size: 120x125x275 mm
- Weight: 1800 g

TYPICAL APPLICATIONS

Clean Room - Isolator - Agro, Food, Dairy, Beverage Production sites - Microbiological Laboratory - Biotechnology Premises - Vaccine Production Plant - Waste Water Treatment Plant - School, University training and teaching - Hospital & Clinics - Indoor Air Quality - Public Health Authorities



WHAT TO ORDER

| | |
|--------------|--|
| 86279 | "SAS Super ISO 100" with air flow of 100 L/min (without head and transformer-battery charger) - for Contact Plates |
| 86834 | "SAS Super ISO 180" with air flow of 180 L/min (without head and transformer-battery charger) - for Contact Plates |
| 90719 | "SAS Super ISO 100" with air flow of 100 L/min (without head and transformer-battery charger) - for Petri dishes |
| 90720 | "SAS Super ISO 180" with air flow of 180 L/min (without head and transformer-battery charger) - for Petri dishes |
| 89131 | battery charger 220 V |
| 89130 | battery charger 110 V |

Choose your favourite head by consulting the leaflet "SAS Accessories"

Distributed by: