

VWR[®] SURFACE AIR SYSTEM (SAS) monitoring instruments

01. Compliant with USP chapter 1116 and ISO 14698-1

02. Provides total traceability - IQ OQ validation

03. Data management in accordance with CFR 21 part 11





SAS SUPER ISO 100/180 USB

- Ideal for **pharmaceutical and hospital sectors**
- Models: **100 L/min & 180 L/min** of air intake flowrate
- Compliant with **USP chapter 1116** and **ISO 14698-1**
- Data management in accordance with **CFR 21 part 11**
- **IQ OQ validation** protocols available for total traceability
- Sampling data can be downloaded to PC via USB
- **Autoclavable** stainless steel head
- **Battery Life:** 70,000 L (SAS Super ISO 100 USB) and 40,000 L (SAS Super ISO 180 USB)

What's Included?

1. One (1) Extra Stainless-Steel Head, 219 holes
2. Battery Charger
3. Soft Carrying Case

SAS SUPER ISO IS THE FASTEST 'IMPACT TO AGAR' AIR SAMPLER ON THE MARKET



DUO SAS SUPER 360

- When saving operational time is an important criteria
- **180L/min of air intake** flowrate per head; 360L/min
- **2 Same or different medias** can be used during the sampling cycle
- Compliant with **USP chapter 1116** and **ISO 14698-1**
- **IQ OQ validation** protocols available for total traceability
- Sampling data can be downloaded to PC via adapter device
- **Autoclavable** stainless steel head
- **Battery Life:** 40,000 L



What's Included?

1. Two (2) Extra Stainless-Steel Head, 219 holes
2. Battery Charger
3. Soft Carrying Case

DUO SAS 360 CAN REDUCE SAMPLING TIME BY UP TO 70%!



SAS SUPER IAQ

- Ideal for **general indoor & outdoor** Air Quality Control
- **100L/min** of air intake flowrate
- To control **food production environments** for **HACCP** (Hazard Analysis Critical Control Point) applications
- **Autoclavable** aluminium head
- **Battery Life:** 70,000L

What's Included?

1. One (1) Extra Aluminum Head, 219 holes
2. Battery Charger
3. Soft Carrying Case



SAS SUPER IAQ IS EASY TO USE BASIC INSTRUMENT





SAS SUPER PINOCCHIO II

- Ideal for all areas requiring microbiological testing of **compressed gases and air**
- Airflow meter to regulate flowrate at 100L/min
- IQ OQ validation protocols available for total traceability
- Unit requires **no electrical power** and is fully portable
- Autoclavable in all parts except flow meter



Comes with Carrying Case



SAS PINOCCHIO CR VERSION

- Designed and developed for **Clean Room application of compressed gases and air**
- Airflow meter to regulate flowrate at 100L/min
- IQ OQ validation protocols available for total traceability
- Unit **requires no electrical power** and is fully portable
- **100% Stainless steel made**, and parts are **fully removable**
- Autoclavable in all parts except flow meter



SAS SUPER ISOLATOR

- To monitor closed environments of isolators Restricted Access Barriers Systems (RABS)
- Models: 100L/min & 180L/min of air intake flowrate
- Up to 2 heads can be connected to the same unit
- Compliant with USP chapter 1116 and ISO 14698-1
- IQ OQ validation protocols available for total traceability
- Sampling data can be downloaded to PC via adapter device
- Autoclavable stainless steel head
- Battery Life: 70,000L

A Complete Range of Contact Plates

Ideal for monitoring the microbial contamination of surface and air inside cleanrooms, isolators, RABS, food industries and hospitals.

Parameters includes: Tryptic Soy Agar (TSA), Sabouraud Dextrose Agar (SDA), Plate Count Agar (PCA).

All VWR contact plates are available with neutralising agents (Tween, lecithin, histidine, thiosulphate) and with antibiotic neutralising agents (Penicillinase), to prevent underestimation of microbial count.

- Manufactured under GMP, compliant with Pharmacopoeias and ISO regulations formulations
- Certificate of Irradiation and Growth Promotion test according to International Pharmacopoeias

VWR International contact plates for environmental control comply with the following International Standards:

- USP chapter 1116
- EU Guide for GMP
- ISO Standard 14698-1
- ISO 18593
- ACGIH - Guideline for assessment of bioaerosol in the indoor environment



Contact Plate Weight Applicator

Used in combination with contact plates, the weight enables the standardisation of microbiological surface control between operators. It applies the same constant pressure for a preset time on the contact plate. This ensures results are directly comparable.

The Contact Weight meets the ISO 18593 Standard and has a sterilisable stainless steel base and pull-out digital timer.



Accessories



Single-use heads for air samplers



Adapter for petri dishes
Ø 90 mm



Additional aspirating chamber



Infrared remote control



Stainless steel holder for table and wall



Stainless steel floor tripod for cleanrooms, extendable from 1000 up to 2000 mm high



Lightweight aluminium carrying case



Soft carrying case



Battery charger with interchangeable plug, 90 -260 V

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