



PRODUCT DATA SHEET

VS8701 iVAS Roam Lite Portable Air Sampler



The new iVAS Roam Lite delivers the trusted viable air sampling performance of the iVAS platform in a streamlined, cost-effective package for routine environmental monitoring. With an innovative design and user-friendly graphical interface, the iVAS Roam Lite delivers assured sampling performance that is EN 17141:2020 compliant. Further developing the iVAS Roam offering, the Lite model gives the same reliable monitoring without advanced traceability features.

Designed for use in cleanroom environments of all grades, the iVAS Roam Lite offers the user a range of features and benefits that support a compliant environmental monitoring strategy.

- Features a retaining mechanism for the sieve head, enabling easy movement of the unit between sampling locations.
- Adjustable plate height and size.
- Sample screen appears directly on start-up allowing for quick and easy operation.
- High Performance sampling - on board flow measurement to ensure complete 1m³ taken even with variation in plate fill depths
- Easy to slot into existing sampling processes with limited SOP changes required
- Usability
 - 8.5 hours of battery life @ 100lpm
 - Lightweight
 - Ergonomic
 - Colour touchscreen
 - Stores last sample recipe

- Compatible with remote sampling and compressed gas sampling accessories – see separate datasheets for details
- Compatible with the iVAS Roam Manager App
 - Sample records can be downloaded to a PC into the 21 CFR Part 11 compliant iVAS Roam Manager environment
 - Generate sample reports in multiple formats for signature
 - Export data into enVigil FMS systems
 - iVAS Roam Lite records can be stored in same database as iVAS Roam RFID records.



User Friendly

Ergonomic, intuitive, and simple to operate.



Essential Functionality

Core air sampling capabilities without unnecessary complexity.



Value Focused

Designed for organisations that need reliable monitoring without advanced traceability features.



Compliance

Directly supports compliance with industry regulations.



Technical Specifications

Item	Description
Sampling Flow Rate	50 or 100lpm
Exhaust Air	HEPA filtered (>99.999% efficiency)
Compatible Plate Size	90mm plates, adjustable for fill depth
Physical Efficiency (D50 Value)	1.13 µm @ 100lpm 1.62 µm @ 50lpm
Unit Weight	2.6 kg
Battery Specification/Life	Internal 14.4V, 96 Wh Li-ion battery >8.5 hours sampling @ 100 lpm Charge time 4 hrs from 0% to 100%
User Interface	4.3" angled colour touchscreen
Program Features	Sample Recipe Configurable on Device Programmable Start Delay Stores 500 Records
Sampling Modes	Continuous, Intermittent
Dimensions	Sieve head diameter: 10.4 cm Whole unit: 26 x 20 x 14 cm
Environmental	Operating temperature 0 to 40°C Storage temperature -20 to 60°C Relative humidity: 5 – 95% (non-condensing) Altitude – below 5000m
Connection Type	USB-C for communication and charging Supplied with power supply for either EU, UK, US or CA plug as standard.
Cleaning Agent Compatibility	IPA, QUATS, 3% H2O2
Materials of Construction	Body – ABS Sieve Head – 316L Stainless Steel



Ordering Information

Item	Description
VS8701	iVAS Roam Lite Including: iVAS Roam Lite Sampler, power and communication lead, power supply with either EU, UK, US or CA plug as standard.
VS8600-FC	iVAS Roam Carry Case
VS8603	iVAS Roam Sieve Head
VS8506	iVAS stainless steel cap/cover for sampling head