

# VS8600-CG-iVAS Roam Compressed Gas Sampler



The Compressed Gas Sampler accessory allows viable sampling of multiple different compressed gas supplies, of up to 10 bar, using the iVAS Roam Portable Air Sampler. The unit is preconfigured with gas densities to support the sampling of Carbon Dioxide, Nitrogen, Argon and Dry Air.

Once connected to the gas supply, and pressure balancing has been performed, taking the sample is automated and iVAS Roam's inbuilt mass flow meter ensures a true measure of the sampled gas volume.

The innovative TwistLock connection to pair the sieve head and flow hood allows for easy assembly for sampling and/or disassembly for autoclaving of stainless steel parts.

- Sampling can be performed at 50 or 100lpm.
- Supports continuous and intermittent sampling regimes.
- Sample data collection via the iVAS Roam for later export into iVAS Roam Manager.
- Compatible with iVAS Roam and iVAS Roam Lite Samplers

## Ordering Information

Item	Description
VS8600-CG	iVAS Roam Compressed Gas Sampler

## Technical Specification

<b>Dimensions</b>	W:120mm H:200mm D:120mm
<b>Weight</b>	2.4kg
<b>Operating Temperature</b>	0 to 45°C
<b>Storage Temperature</b>	-20 to 60°C
<b>Operating Humidity</b>	5 – 95% (non-condensing)
<b>Operating Altitude</b>	Below 5000m
<b>Sample Pressure</b>	1 – 10 bar @ 50lpm 1.5 – 10 bar @ 100lpm
<b>Sampling Flow Rate</b>	50 lpm or 100lpm
<b>Physical Efficiency (d50)</b>	1.13µm @ 100lpm 1.62µm @ 50lpm
<b>Compatible Gases</b>	Carbon Dioxide Argon Nitrogen Dry Air
<b>Compatible Plate Size</b>	90mm plates, adjustable for fill depth
<b>Cleaning Agent</b>	IPA, QUATS, 3% H2O2
<b>Compatibility</b>	
<b>Material of Construction</b>	316L Stainless Steel