

BioAerosol Sampler | BAS

Dual-Flow BioAerosol Sampler | DBAS



- Flow rate accuracy: $\pm 2.5\%$ (100L/min) / $\pm 3\%$ (200L/min)
- Long battery duration: At 100L/min ≥ 10 hours continuous sampling (60m³)
At 200L/min ≥ 4 hours continuous sampling (48m³)
- Dual-purpose sampler for general sampling and remote sampling (support up to 8m sample tubing)
- Support various types of flowmeters for calibration, timesaving and low cost



Setting

Smart And Easy

Smart Settings mode
User-friendly input method

Data

Detailed And Flexible

Intuitive sampling records
Search function for quick search of records
One-click for exporting and printing



Sampling

Distinct And Direct

Intelligent sampling mode enables
continuous and cyclic sampling
The sampling process is clear and distinct
LED lighting and beep prompt error





Compact structure and high performance

- > Long battery duration: At 100L/min \geq 10 hours continuous sampling (60m³)
At 200L/min \geq 4 hours continuous sampling (48m³)
- > A full charge only takes 3.5 hours
- > Easily discern and response rapidly on 4.3" capacitive touch screen
- > All components and circuit interfaces are isolated from external environment to prevent oxidant intrusion and cross contamination



Powerful and stabilized pump to support Remote/Isolator sampling (up to 8m)*

* The remote/ isolator sampling can only support the flow rate of 100L/min

Specification sheet

| Specification | BioAerosol Sampler BAS | Dual-Flow BioAerosol Sampler DBAS |
|--------------------------|--|--|
| Flow rate | 100L/min \pm 2.5% | 1. 100L/min \pm 2.5%; 2. 200L/min \pm 3% |
| Flow rate control | Built-in mass flow meter | |
| Zone | Over 20000 locations | |
| Sampling volumes | 1-6000L, 6 default volumes | |
| Delay | 0-59minutes59seconds | |
| Cycles | 1-99 cycles | |
| Interval | 0-59minutes59seconds | |
| Sampling head | Φ 0.60 mm*280 holes , Anodized Aluminum (316L stainless steel material available, customizable sampling head) | Φ 0.85 mm*280 holes , Anodized Aluminum |
| Isokinetic probe caliber | N/A | 101.8mm |
| Weight / Dimensions | 2.7Kg (6.0lbs); Φ 110mm, H: 202mm (without foot mat) | |
| External surface | Anodized aluminium | |
| Power | 24 V \pm 10% AC adapter | |
| Battery | 10.8V, 6800mAh rechargeable lithium battery For 100L/min mode,battery life over 10 hours; For 200L/min mode,battery life over 4 hours | |
| Application Extension | Connect with Airborne Particle Counter (APC) and BioAerosol Monitoring System (BAMS) to collect the contaminated samples in real time. | |
| Communication | USB、WIFI | |
| Data storage | 20,000 sets of records storage | |
| Alarm | LED lighting and beep | |
| Display | 4.3" capacitive touch screen | |
| Language | Chinese, English | |
| Calibration frequency | Annual calibration is recommended | |
| Operating conditions | Temperature: 5°C-30°C, relative humidity up to 80% | |
| Storage conditions | Temperature: 0°C-40°C, relative humidity up to 80% | |
| Safety | EN 61010-1:2010, EN 61326-1:2013, EN 61326-2-2:2013, EN 61000-6-1:2007, EN 61000-6-3:2007+A1 | |
| Warranty | 2 years after activation | |

Ordering Information

| Name | Model | Order No. |
|--|-------|-----------|
| BioAerosol Sampler BAS | C110 | MACHC110 |
| BioAerosol Sampler (side handle) BAS | C210 | MACHC210 |
| Dual-Flow BioAerosol Sampler DBAS | C120 | MACHC120 |

*Note: Customizable sampling head; Sampling head material: Anodized aluminum, 316L stainless steel available

Authorized distributor and partner in India



KONVIS SOLUTIONS PVT LTD
CONNECTING TO FUTURE WITH TECHNICAL VISION

Email: info@konvissolutions.com

MicronView Limited

Email: mv@micronview.com <http://www.micronview.com>

© MICRONVIEW LIMITED . All rights reserved. Version:1.4