

Remote BAS

BioAerosol Sampler - Remote



BioAerosol Sampler-Remote
Incl. Blower and Screen



BioAerosol Sampler-Remote
w/o Blower and Screen



Remote Sensor Protective Enclosure
w/o Screen



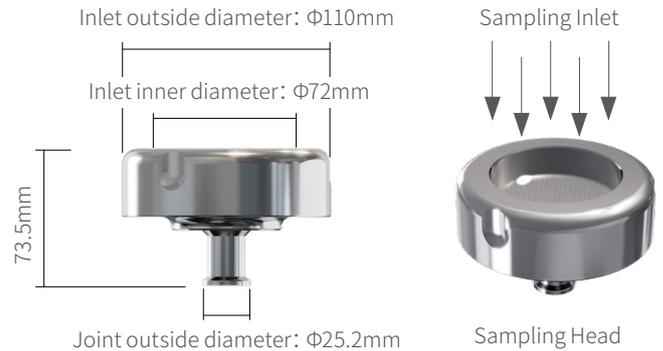
Remote Sensor Protective Enclosure
Incl. Screen

The Bioaerosol Sampler Remote Series are high-performance samplers designed for industries with stringent cleanliness standards, such as pharmaceuticals, biotechnology, food and beverage, cosmetics, and medical institutions. They feature a built-in high-precision differential pressure flow sensor and are available with a built-in blower or without a blower for use with a central pump. The Remote BAS complies with ISO 14698-1 and EU GMP Annex 1 standards.

- Flow rate: 28.3 LPM \pm 4%
- Optional touch screen and built-in blower for streamlined operation, capable of storing up to 20,000 sample datasets
- Optional 316L stainless steel enclosure, resistant to common cleanroom disinfectants
- LED indicators, audible and visual alarms for flow rate error, network communication, and device failures
- Optional robotic arm for automated petri dish replacement, enabling unmanned operation

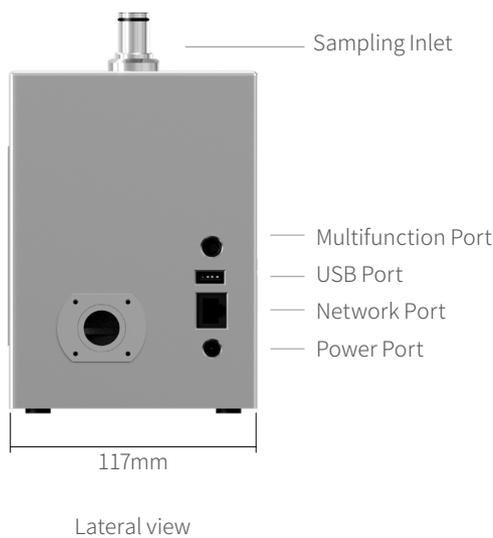
Sampling Head Features

- Used for microbial air sampling in an isolator, biosafety cabinet, horizontal laminar flow clean workbench and other critical areas
- Based on the principle of Andersen impact method, air is impacted on the agar surface through the perforated cover at a speed of approximately 21 m/s
- Autoclavable and VHP-resistance
- Recommended petri dish diameter: $\Phi 90\text{mm}$

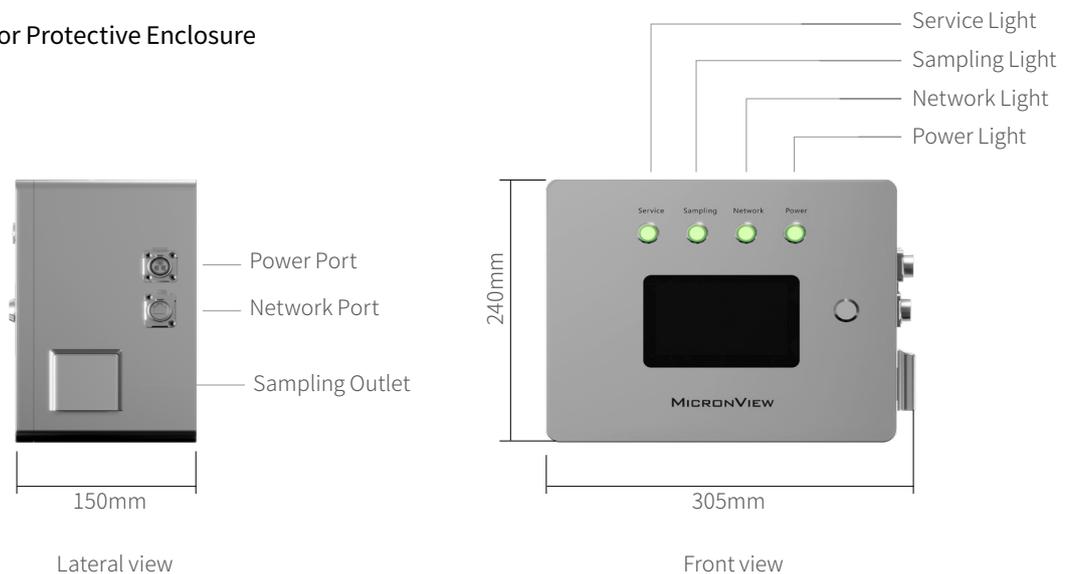


Product Dimensions

- **BioAerosol Sampler-Remote**
Incl. Blower and Screen



- **Remote Sensor Protective Enclosure**
Incl. Screen



Installation Mode

The remote BAS can be installed with or without a protective enclosure



Remote Sensor Protective Enclosure
Incl. Screen

Remote Sensor Protective Enclosure
w/o Screen

Specification Sheet

Specification	BioAerosol Sampler-Remote Remote BAS		
	C530BS	C530B	C530
Flow Rate	28.3 LPM±4%		
Flow Rate Control	Built-in mass flow sensor, closed-loop automatic control		Built-in restricting orifice
Sampling Head	Φ0.32 mm*280 holes		
D50	0.79 μm		
Sampling Head Material	316L stainless steel		
Sampling Head Weight	0.93 kg / 2.05 lbs		
Exhaust	External HEPA Filter (>99.999% @ 0.3 μm)		N/A
Blower	Built-in high-speed blower		N/A
Display	4" LCD capacitive touch screen	Status indicator light	
Weight	1.41 kg / 3.11 lbs	1.35 kg / 2.98 lbs	0.66 kg / 1.46 lbs
Dimensions (HxWxD)	192×117×117 mm / 7.56×4.61×4.61 in	158×123×110 mm / 6.22×4.84×4.33 in	117×120×55 mm / 4.61×4.72×2.16 in
Enclosure	316L stainless steel		
Power	100-240V, 50Hz/60Hz AC to 24VDC input power supply; the other end of the plug needs to be compatible with various types of standard ports;		
Communication	RJ45, USB		
Transmission Protocol	ModBus TCP		
Data Storage	20,000 data records		
Alarm	Built-in buzzer alarm, capable of connecting external audible and visual alarm		N/A
Language	English, Chinese	N/A	

Specification	BioAerosol Sampler-Remote Remote BAS		
	C530BS	C530B	C530
Calibration Frequency	Recommend once a year		
Operating Conditions	Temperature: 5°C -35°C / 41°F - 95°F, Relative humidity: 5-90% non-condensing		
Storage Conditions	Temperature: 0°C -40°C / 32°F - 104°F, Relative humidity: 5-95% non-condensing		
Safety	EN 61326-1:2013, EN IEC 61326-1:2021		
Warranty	24 months (calculated from the date of product activation or six months after the date of manufacture, whichever comes first)		

Parameter	Remote Sensor Protective Enclosure	
	PA510S	PA510
Dimensions (WxHxD)	305×240×150mm/12.00×9.45×5.90in	
Enclosure	316L stainless steel	
Weight	3.63kg/8.00lbs	3.24kg/7.14lbs
Display	5"LCD capacitive touch screen	N/A

Ordering Information

Name	Model	Order No.
BioAerosol Sampler-Remote Remote BAS	C530BS	MACHC530BS
BioAerosol Sampler-Remote Remote BAS	C530B	MACHC530B
BioAerosol Sampler-Remote Remote BAS	C530	MACHC530
Remote Sensor Protective Enclosure (With Screen)	PA510S	U2.S001
Remote Sensor Protective Enclosure (Without Screen)	PA510	U2.0001
Sampling Head	N/A	S2.S312

Notes:

1.In the model number, the letter following the number has the following meanings: B represents the model is equipped with a blower, and S represents the model is equipped with a screen.

The sampling head includes a petri dish holder, a sampling head, and a dust cover.

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