

MiniCapt®

Remote Microbial Air Sampler



The MiniCapt® Remote Microbial Air Sampler allows the user to perform microbial air sampling in cleanroom environments for viable particle contamination classification and monitoring.

Available in 3 different flowrate models, the MiniCapt Remote Microbial Air Sampler is designed especially for critical manufacturing environments according to ISO Class 5/7 and GMP Grade A and B.

MiniCapt Remote can be fully integrated into any facility monitoring system (e.g. FacilityPro®). It's fully compliant with the ISO 14698 standard, providing easy connection to several accessories while avoiding any cleanroom contamination with its built-in HEPA filter.

The impactor head design has 20 precision-cut radial slits and an adjustable height and plate diameter mechanism, which allows the usage of any agar media plate with diameters from 86 to 92mm and agar filling heights from 3 to 6 mm. These versatile dimensions allow the MiniCapt Remote Microbial Air Sampler to be used with almost every commercially available agar plate on the market, including glass Petri plates. The 20 radial precision-cut slits also ensure laminar flow, making false positive identification easier, and maximizing collection efficiencies for viable particles in accordance with ISO 14698-1.

BENEFITS

Fully Compliant

- ISO, USP, EP and JP
- In accordance with most recent data management requirements

Reduced Risk of External Errors

- No risk of environmental contamination from air exhaust
- Indication of false positive results by design
- Optimal recovery of microorganisms – reduced false negative risk
- Remote sampling automation eliminates operator errors from incorrect sampling procedures and manual data recording
- Single use sampling method option with BioCapt® Single-Use device

Multi-purpose Device

- Compatible with all commercially available petri dish agar filling configurations
- Multiple applications with one instrument: Remote monitoring in critical environments (ISO 5, Isolators, RABS, etc.), compressed gas monitoring, BioCapt/BioCapt Single-Use sampling.

FEATURES

- ISO 14698-1 certified
- Air outlet with integrated HEPA filter
- Autoclavable 316L stainless steel impactor head with optimal slit design for increased viability of microorganisms
- Modern and easy to use data and sample configuration management by integration with the FacilityPro® system or other existing monitoring systems
- Adjustable height and diameter mechanism for versatile Petri dish compatibility
- BioCapt/BioCapt Single-Use compatibility

APPLICATIONS

- Microbial air sampling in cleanrooms and associated controlled environments
- Microbial air sampling in aseptic manufacturing areas (e.g., cleanrooms, isolators, RABS) according to actual regulations
- Microbial air sampling of medical device manufacturing environments according to actual regulations
- USP 797 environmental viable-airborne particle testing



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Without measurement there is no control

MiniCapt®

Remote Microbial Air Sampler

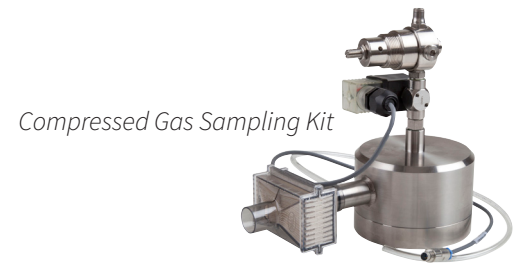
Specifications

MiniCapt	25R	50R	100R
Sampling flow rate	25 Liters/minute	50 Liters/minute	100 Liters/minute
Power supply	Input: 100 – 240 VAC, 50/60 Hz, 1.5 A		
Communication	Modbus TCP		
Dimensions (h, w, d)	Enclosure: 7.0 x 5.9 x 6.3 inches (18 x 15 x 16 cm) Enclosure with connections: 9.8 x 5.9 x 6.3 inches (25 x 15 x 16 cm)		
Weight	7.4 lb (3.4 kg) without BioCapt Microbial Impactor 2.3 lb (1.1 kg) mounting bracket		
Operating environment	Temperature: 32 – 104 °F (0 – 40 °C); Humidity: 10 – 90% RH		
Calibration interval	Recommended every 12 months		

Available Accessories

BioCapt Impactor Head	
Materials	AISI 316L Stainless Steel
Number of Inlets	20 (Precision-cut slits)

Accessories	
	Compressed Gases Sampling Kit
	Isolator Monitoring Kit
	Remote Sampling Kit for BioCapt Adjustable Height
	Remote Sampling kit for BioCapt Single-Use
	Remote ISP Sampling Kit



Compressed Gas Sampling Kit



Isolator Monitoring Kit



Remote ISP Sampling Kit



Remote connection to BioCapt® Single-Use

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