# MiniCapt® Remote

Remote Microbial Air Sampler

*Integratable microbial air sampling for viable particle contamination compliant with latest regulations*

*Without measurement there is no control*

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 MiniCapt Remote instrument is ideally combined with BioCapt® or BioCapt Single-Use Impactor heads. Both have 20 precision-cut radial slits ensuring laminar flow, making false positive identification easier, and maximizing collection efficiencies for viable particles in accordance with ISO 14698-1. The BioCapt head facilitates an adjustable height and plate diameter mechanism, which allows the usage of any agar media plate with diameters from 86 to 92 mm 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.

Using the MiniCapt Remote in combination with BioCapt Single-Use devices eliminates the risk of false positive results and final product contamination from microbial sampling interactions, while decreasing the cost of investigations. The single use sampling head enables manufacturers to monitor their full process, eliminating the risk of non-conclusive results by settle plates. The innovative design is a combination of media plate and sampling head into a single unit. This unique solution eliminates the handling risk, costs, and complications related to autoclaving and stainless steel head disinfection.

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## BENEFITS

### Fully Compliant

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

### Precision (BioCapt® and BioCapt Single-Use)

- Meets ISO 14698-1
- Radial slit design ensures optimal recovery for microorganisms during sampling
- Immediate and easy detection of false-positive results
- Feller correction only above 57 CFU needed, max 3% overlap deviations at 200 CFU

### Security

- Remote Sampling ensures low intervention
- No environmental contamination of critical control points with HEPA-filtered exhaust air
- Single Use Sampling method with BioCapt Single-Use reduces risk to the process and the final product

## FEATURES

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

## APPLICATIONS

- Microbial air sampling of critical control points in cleanrooms and associated controlled environments
- Microbial air sampling in aseptic manufacturing areas (e.g., cleanrooms, isolators, RABS) according to regulations

# MiniCapt® Remote

Remote Microbial Sampler

*Specifications*

| MiniCapt | 25R | 50R | 100R |
|---|---|---|---|
| Sampling flow rate | 25 LPM | 50 LPM | 100 LPM |
| 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)<br>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<br>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 | | |

| 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 |
| | BioCapt Single-Use Remote Sampling Adaptors (Bottom Outlet and Elbow connection) |

*Compressed Gas Sampling Kit*

*Isolator Monitoring Kit*

*Remote ISP Sampling Kit*

*Elbow (left) and Bottom (right) sampling adaptors for remote connection to BioCapt® Single-Use*


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BUSINESS AMBITION FOR 1.5°C


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