

MiniCapt®

Mobile Microbial Air Sampler



The MiniCapt Mobile 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 Mobile Microbial Air Sampler is designed for any cleanroom, including ISO Class 5 and GMP Grade A.

MiniCapt incorporates modern data management capabilities and an easy and interactive touchscreen interface. 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, and combines with any agar media plate that has dimensions from 86 to 92 mm and agar heights from 3 to 6 mm.

These versatile dimensions allow the MiniCapt Mobile Microbial Air Sampler to be used with almost all manufactured agar plates 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

Unique Flexibility

- Multiple applications (isolator sampling, compressed gases, remote and handheld usages)
- Operates with BioCapt® Single Use units
- Adjustable height and diameter mechanism for versatile Petri dish compatibility

Unique Precision

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

Unique Security of the test

- No environmental contamination of critical control points with HEPA-filtered exhaust air
- Autoclavable 316L stainless steel impactor head

FEATURES

- Modern data and sample configuration management
- Multiple levels of security
- Error reduction with intuitive user interface and pre-configured sampling recipes

APPLICATIONS

- Microbial air sampling in cleanrooms and associated controlled environments
- USP 797 environmental viable-airborne particle testing
- Bioburden monitoring of medical device manufacturing environments
- Microbial monitoring of aseptic manufacturing areas



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Without measurement there is no control

MiniCapt®

Mobile Microbial Air Sampler

Specifications

MiniCapt	25M	50M	100M
Sampling flow rate	25 Liters/minute	50 Liters/minute	100 Liters/minute
Battery (Lithium ion) ¹	12 hours	7 hours	6 hours
Power supply	Input: 100 – 240 VAC, 50/60 Hz, 1.5 A		
Memory	3,000 Samples; 400 Areas/Locations; 50 Recipes		
Sampling modes	Volume or Time; Interval sampling		
Sampling interval			
Time:	1 – 400 min	1 – 200 min	1 – 100 min
Volume:	1 – 9999 L	1 – 9999 L	1 – 9999 L
Communication	Modbus TCP; USB for data download; USB for printer connection		
Display	4.3" VGA (480 x 272) LCD with touchscreen		
Display Languages	English, French, German, Italian, Japanese, Korean, Spanish, Chinese (traditional or simplified), Russian, Portuguese		
Dimensions (h, w, d)	10.2 x 5.7 x 5.9 in (26.0 x 14.5 x 15.0 cm)		
Weight	4.6 lb (2.1 kg)		
Operating environment	Temperature: 32 – 104 °F (0 – 40 °C); Humidity: 10 – 90% RH		
Calibration interval	Recommended every 12 months		

¹Battery life based on sampling 10 minutes, pausing 5 minutes, and repeating.

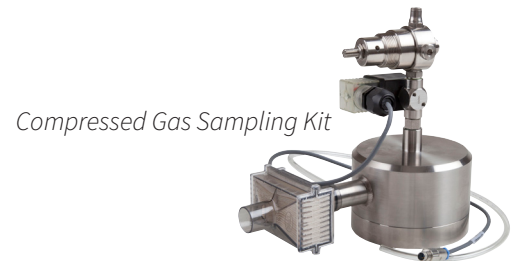
BioCapt Impactor Head

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 (25 and 50 LPM only)
Remote ISP Sampling Kit
Petri Dish Barcode Reader
External Printer Kit

Available Accessories



Compressed Gas Sampling Kit



Isolator Monitoring Kit



Remote ISP Sampling Kit



Remote connection to BioCapt® Single-Use

HEADQUARTERS

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