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Find the *Particle Measuring Systems MiniCapt-50* at our website: ***Click HERE***

MiniCapt®

Portable Microbial Sampler



The MiniCapt® Portable Microbial Sampler enables an operator to collect biocontamination samples throughout cleanrooms and clean air devices. The slits in the BioCapt® Impactor Head are precision cut to ensure laminar flow, thus maximizing collection efficiencies for viable particles of interest in accordance with ISO 14698-1. Biological efficiency is guaranteed by ensuring optimal impaction velocity also giving statistical control over false positive results.

Sampling intervals are completely customizable by the user to start and stop multiple times per run so the entire process can be monitored. The fully autoclavable BioCapt Impactor Head, highly sanitizable sampler case, and HEPA filtered outlet air ensure that the MiniCapt Portable Microbial Sampler does not contaminate the cleanroom environment. Monitoring of compressed gases or remote sampling of aseptic environments is possible with the purchase of the optional compressed gases kit or isolator kit (shown above, right).

PARTICLE MEASURING SYSTEMS
www.pmeasuring.com

BENEFITS

- *Validated to ISO 14698-1: Biocontamination Control of Cleanrooms and Associated Controlled Environments*
- *High physical and biological collection efficiency calculated per ISO 14698-1/Annex B*
- *Compliant with cGMP, GAMP®, and pharmacopeial regulatory requirements*
- *50 L/min flow rate ensures sample volume is collected quickly enough to avoid physical or chemical degradation of the collection medium*
- *Autoclavable BioCapt Impactor Head; sampler control module is easily sanitized*
- *Optimal slit design in BioCapt Impactor Head ensures laminar flow and that microorganisms are undamaged during sampling*
- *Immediate detection of false positives*
- *Minimal contamination from operator*
- *HEPA filtered outlet air does not contaminate the cleanroom or clean air devices*

APPLICATIONS

- *Cleanroom biocontamination monitoring*
- *Compressed gases or isolator monitoring (Requires optional compressed gases kit or optional isolator kit.)*
- *USP 797 environmental viable airborne particle testing*
- *Generate baseline biocontamination data for newly constructed and commissioned installations*
- *Troubleshooting particle excursions*

Without measurement, there is no control.

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MiniCapt

Portable Microbial Sampler

specifications

MiniCapt	
Sampling flow rate	50 Liters/minute
Flow rate control	Electronic
Battery	Ni-Mh 12V 8Ah; 6 hours continuous operation, 7 hours charge time
Power supply	Input: 100-240VAC. 50/60Hz, 1.5A
Memory	50 Samples
Sampling modes	Volume or Time
Sampling interval	10-6,000 Liters (Volume) or 0-120 minutes (Time)
Sampling delay	1-60 Seconds
Communication	RS232C
Display and printer	2 x 24 characters; RS232 standard
Dimensions (h, w, d)	7.6 x 6.3 x 9.8 in (19 x 16 x 25 cm)
Weight	10 lbs (4.5 Kg)
Operating environment	Temperature: 32-122° F (0-50°C); Humidity: 10-90% RH
Calibration	Every 12 months
BioCapt Impactor Head	
Materials	AISI 316L Stainless Steel
Number of slits	20 (Precision cut by Electrical Discharge Machine, EDM)
Slit depth	3 mm
Slit thickness	0.09 ± 0.01 mm
Consumable	90 mm plates
Optional Compressed Gases Kit	
Pressure Range	0-3 bars
Connection	Quick 6 mm (0.25") diameter



MiniCapt shown with Compressed Gases Kit

MiniCapt® and BioCapt® are registered trademarks of Biotrace MicroSafe Srl.
GAMP® is a registered trademark of the International Society for Pharmaceutical Engineering (ISPE).
Particle Measuring Systems, Inc. reserves the right to change specifications without notice.

CE BSI FM 40574 Registration applies to the Boulder, Colorado facility.

AUTHORIZED REPRESENTATIVE

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