

BioCapt®

Microbial Impactor

Without measurement there is no control.



The BioCapt Impactor Active Microbial Air Sampling Atrium enables the capture of microbiologically viable particulates on a suitable media surface for later incubation and enumeration.

The slits in the BioCapt Impactor are precision-cut to ensure laminar flow, thus maximizing collection efficiencies for viable particles in accordance with ISO 14698-1. The 25 L/min flow rate ensures sample volume is collected slowly enough to enable sampling during the maximum amount of process time while avoiding desiccation of the collection medium.

Biological efficiency is guaranteed by ensuring optimal impactation velocity and giving statistical control over false-positive results.

BENEFITS

- Highest validated physical and biological collection efficiencies per ISO 14698-1/ Annex B
- 316L stainless steel atrium is autoclavable
- Optimal slit design ensures that microorganisms are undamaged during sampling
- Immediate and easy detection of false-positives

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
- Microbiological monitoring of surgical suites or operating rooms

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SPECIFICATIONS

Material - S amples Body	AISI 316L Stainless Steel
Air inlets	20 slits
Flow rate	25 l/min
Consumables	90 mm plates (not provided)
Plates accepted	Standard configuration accepts 90mm BD™ and bioMérieux (90 mm x 15 mm) plates; Compatible with other plates when appropriate pin set accessory is installed.
Vacuum connection	Tri-clamp (sanitary) fitting or 12 mm O.D. hose barb fitting

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Particle Measuring Systems, Inc. reserves the right to change specifications without notice.

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