

BioCapt® Single-Use

Microbial Impactor



The BioCapt® Single-Use Microbial Impactor reduces the risk of contamination to eliminate costly false positives and prevent batch loss. Precision-cut slits ensure laminar flow and maximum collection of viable particles to help you achieve optimal sterility goals.

- Always ready for testing
- Minimal air disruption
- Routine and fast sampling



Measuring what matters™

BENEFITS

- **Test ready**
 - Fully prepared and disposable
 - Eliminates agar plate preparation
 - Samples efficiently at 25 or 50 L/min
- **False-positive reduction**
 - Minimizes operator handling
 - Eliminates unintended contamination
 - Each set of three samplers is double-bagged and gamma irradiated
 - H₂O and H₂O₂-impermeable packaging
- **Saves time**
 - Eliminates time-consuming and operator-dependent cleaning and process steps like: disinfection, sanitization and sterilization
 - Simplified standard operating procedures
 - Risk reduction during the introduction and withdrawal of microbiological sampling plates in sterile production areas

FEATURES

- Culture media validated up to nine months
- Storage either at room temperature or under refrigeration
- Improved lot traceability by use of three-dimensional QR codes
- Compatible with active air monitoring systems
- Extensive validation studies
- 100% inspection of critical dimensions during manufacturing process
- Leakage test ensuring perfect assembly
- Complies with ISO 14698-1 for highest microbiological and physical efficiencies
- Proven recovery of microorganisms under stressed conditions after 2 hours of continuous air sampling (25 L/min flow rates)
- Standard culture media of TSA and SDA plus the BioCapt Isolator product line and client-specific media

APPLICATIONS

- Microbial air sampling monitoring 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

Materials	Polystyrene
Air inlets	20 slits, 0.1 mm nominal width
Flow rates	25 LPM or 50 LPM recommended
Dimensions	120 mm exterior diameter 38.5 mm exterior height (with lid) 90 mm diameter agar surface
Filling volume	30 ml
Vacuum connectors	Hose Barb 11 mm OD and 31.5 mm long (includes removable cap)
Standard media	Trypticase Soy Agar (TSA) or Sabouraud Dextrose Agar (SDA)
Additives	Neutralizers Neutralizers and Penicillinase 4,000 IU/l Neutralizers and Betalactamase 400 IU/l Neutralizers and Pyruvate Neutralizers, Penicillinase 4,000 IU/l and Pyruvate Neutralizers, Betalactamase 400 IU/l and Pyruvate

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