The MiniCapt Mobile Microbial Air Sampler allows the user to perform viable air sampling in cleanroom environments for classification and monitoring purposes.

Available in 3 different flowrate models, the MiniCapt Mobile Microbial Air Sampler is designed for any cleanroom, including critical environments such as ISO Class 5 and GMP Grade A.

This top tier instrument incorporates modern data management capabilities and an easy, interactive touchscreen interface. Installed with the latest DataAnalyst software, users can create trends based on final microbial counts, and be fully compliant with the ISO 14698 standard. Data is secure with uneditable file exports. Connecting to several accessories is easy, and cleanroom contamination is avoided with built-in HEPA filtration.

The impactor head design has 20 precision-cut radial slits and an adjustable height and plate diameter mechanism that allow the MiniCapt Mobile Microbial Air Sampler to be used with almost all manufactured agar plates, including glass Petri plates. The radial slits also ensure laminar flow, making false positive identification easier.

**BENEFITS**

**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

**Precision**
- 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**
- 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
- Trending of microbial and particle counts with DataAnalyst software (Version 3.0+)
- Uneditable data records, reports and file exports
- 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
- Microbial monitoring of medical device manufacturing environments
## MiniCapt®

Mobile Microbial Air Sampler

### Specifications

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

### BioCapt Impactor Head

- **Materials**: AISI 316L Stainless Steel
- **Number of Inlets**: 20 (Precision-cut slits)

### BioCapt Impactor Head

**Materials**: AISI 316L Stainless Steel

**Number of Inlets**: 20 (Precision-cut slits)

### Accessories

- Compressed Gas Sampling Kit
- Isolator Monitoring Kit
- Base Mounting 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

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