

The Perfect Combination for Microbial Air Monitoring in Isolators

Boost efficiency and minimize risks with the multihead MAS-100 Iso MH® air sampler and IsoBag® rapid transfer solution

Aseptic manufacturing is becoming more challenging. On the one hand, you have to comply with ever tighter cGMP and EU GMP regulation aimed at minimizing the risk of microbial contamination. On the other hand, you need to work efficiently. Using the multihead MAS-100 Iso MH® remote air sampler for isolators and RABS in combination with our IsoBag® rapid transfer solution, which keeps a set of settle plates for air monitoring readily available, will let you achieve both.

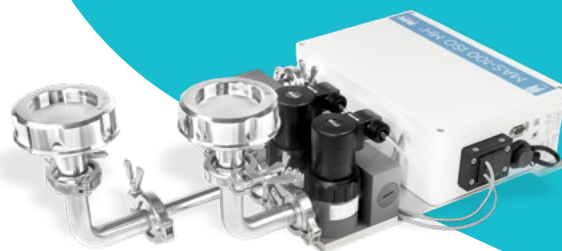
The MAS-100 Iso MH® active air sampler

The MAS-100 ISO MH® microbial air sampler is engineered for the highest collection efficiency and safety in isolators. Its innovative design places the sampling heads with agar plates inside the isolator, while the control unit remains outside, facilitating seamless operation and maximum product protection.

The MAS-100 Iso MH® active air sampler features:

- 1 to 4 sampling locations controlled from a single space-saving base unit
- Double valve system to safeguard against contamination ingress
- Option to decontaminate inner air duct by VHP
- Physical and biological efficiency independently validated acc. ISO 14698
- Control via the isolator HMI
- Multiple options for combining filters (in-line/exhaust)
- Automated calibration with MAS-100 Regulus® digital anemometer

For only a single sampling point in your Grade A area, we offer the MAS-100 Iso NT® air sampler as an alternative. It shares most of its features with the **MAS-100 Iso MH® sampler** but is additionally equipped with an alpha numerical display.



Learn more:

SigmaAldrich.com/air-samplers



IsoBag® Rapid Transfer Solution

Using the IsoBag® rapid transfer solution is an example of rapid transfer port technology to safely move materials into Grade A zones, as EU GMP Annex 1 recommends. Each bag contains several single sleeved packs of ICR/ICRplus Settle Plates, ready for immediate air monitoring. The bag is easily attached to the 190 mm DPTE® alpha port of the isolator. There is no need to decontaminate the contained packs of plates, which reduces the number of necessary decontamination cycles. This enables longer periods of uninterrupted production and is particularly useful for manufacturing campaigns lasting several days.

The IsoBag® rapid transfer solution improves your workflow and increases productivity:

- Simply mount to the isolator's alpha port
- Save valuable storage space inside the isolator
- Keep up to 80 ready-to-use ICR/ICRplus Settle Plates ready for air monitoring
- Avoid the need to decontaminate primary bags of plates, saving much time
- Mount and remove several times without compromising bag integrity
- Take used plates safely to the incubator in the included gamma-irradiated transportation bags
- Also available: IsoBag® rapid transfer solution containing 100 ICR/ICRplus Contact Plates for surface monitoring



Learn more:
SigmaAldrich.com/isobags



To place an order or receive technical assistance:

Order/Customer Service: SigmaAldrich.com/order

Technical Service: SigmaAldrich.com/techservice

Safety-related Information: SigmaAldrich.com/safetycenter

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