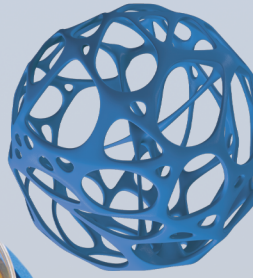
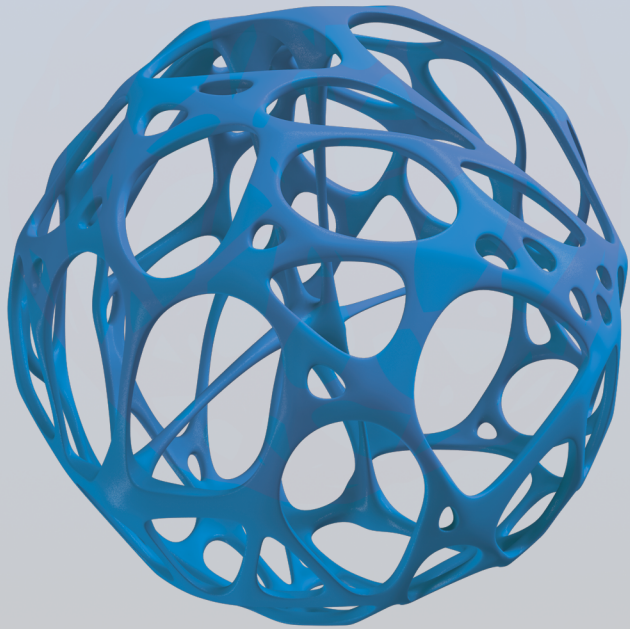


TWO LEADERS, ONE GOAL

Optimize Your Contamination
Control Strategy

MILLIPORE
SIGMA



Millipore®

Preparation, Separation,
Filtration & Monitoring Products

TWO LEADERS, ONE GOAL

MilliporeSigma and Novatek International team up to monitor contamination and enhance environmental monitoring in the pharmaceutical industry

Automation and digitalization are set to transform the pharmaceutical industry. That's why MilliporeSigma and Novatek, two global leaders in environmental monitoring (EM) technology, are now partnering to develop solutions that help pharmaceutical companies automate their microbiology workflows and transfer their data into useful information to make real time quality decisions.

Specifically adapted for automation and seamless integration, **MilliporeSigma's ICR/ICR+** pre-labeled culture media plates and swabs, reliable and validated **MAS-100™ microbial air samplers and Novatek's compliant EM platform** will allow manufacturers to track and monitor microbial contamination efficiently using the combined expertise of MilliporeSigma and Novatek in contamination control.

WHAT IT MEANS FOR YOU...

Leveraging the Expertise of Two Global Leaders in Environmental Monitoring.

As a leading global supplier of innovative life science products, **MilliporeSigma** offers hardware and consumables that make microbiological quality control (QC) simpler, faster, and safer. In environmental monitoring, MilliporeSigma maintains a full portfolio of GMP-compliant solutions for microbial air, surface and personnel monitoring in cleanrooms and isolators, including its proven line of **MAS-100® microbial air samplers** and **ICR/ICR+ culture media**. For optimized workflows in isolators, there are specific solutions (**IsoBag™** and **MAS-100® Iso line**).

ICR/ICR+ culture media plates

- Excellent recoveries for a broad spectrum of aerobes & anaerobes
- Autoclaved, aseptically filled, triple-bagged, and gamma-irradiated
- Designed to minimize cross contamination caused by handling
- Recovery rates maintained even after strong dehydration in air sampling
- Efficient disinfectant residue neutralization to maintain growth promotion



MAS-100® microbial air samplers

- Excellent Biological and Physical Collection Efficiencies
- Independently validated with ICR media acc. to ISO 14698 (EN 17141)
- Easy to decontaminate
- Minimal disturbances of unidirectional air flow
- High flow rate accuracy
- Available with HEPA Exhaust filter
- Excellent recoveries of microbes
- Designed to minimize cross contamination caused by handling

**Millipore
Sigma**

WHAT IT MEANS FOR YOU...

... to Advance Customers' Contamination Control to the Next Level to Shape the Future of Contamination Control

The automation and digitalization solution being jointly developed by **MilliporeSigma** and **Novatek** will go well beyond the partners' proprietary solutions: It will leverage (optimize) the Microbial environmental monitoring processes, crucial for the Contamination Control Strategy.

The combination of the two leaders enables pharmaceutical companies to:

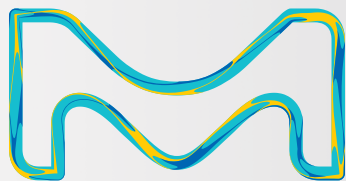
- Optimize Contamination Control Strategy
- Communicate bi-directionally with MAS-100 NT® air samplers to enhance operational efficiency and ease of use (e.g. automated Feller correction) while avoiding data loss
- Automate their environmental monitoring (EM) workflow reducing transcription errors
- Work with a secure 21 CFR Part 11 and data integrity compliant, risk-based EM system
- Chain of custody; Track all culture media via unique barcodes from sampling and incubation, to reading, trending, and reporting of results
- Perform real-time data tracking with automated scheduling to avoid missing samples
- Perform automated, instant trending and reporting of EM data
- Initiate root cause analysis on Alert and Action excursions

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Preparation, Separation,
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[SigmaAldrich.com/environmental-monitoring](https://www.sigmaaldrich.com/environmental-monitoring)



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NOVATEK
INTERNATIONAL
Digitalizing Contamination Control

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