



MERCK

# FEEL THE ATMOS HERE

The NEW  
**MAS-100**  
**Atmos®**  
microbial  
compressed  
gas sampler

ALA5000000

The life science business  
of Merck operates as  
MilliporeSigma in the  
U.S. and Canada.

**Millipore®**

Preparation, Separation,  
Filtration & Monitoring Products



It's so simple ...



to detect microbial contamination in compressed gas

All it takes is a few easy steps: Connect the instrument to the gas outlet, insert the appropriate agar plate, open the gas valve, and start sampling. The instrument manages everything for you, such as measuring of current pressure, regulating the flow rate for preselected gas types, and automated decompression after sampling.



Pharma



Food



Cosmetics



Medical devices

## Convenience & Safety for your daily work

The portable and battery-operated instrument is easy to carry. The 2 meter sampling hose is simple and easy to connect. The gas outlet can be connected to the room's exhaust pipe to prevent intoxication or contamination of the sampling environment.

A broad range of culture media formulations are available for Total Aerobic Microbial Count and Yeasts and Molds, as well as selective and differential culture media for detection of specified bacteria.

Lockable plates with venting option optimize the detection of anaerobic bacteria.

## Data Integrity & Connectivity choose your level of digitalization

The MAS-100 Atmos<sup>®</sup> compressed gas sampler offers various operational modes for **three different workflow scenarios**: freely accessible configuration (Level 0), software-supported individual user management acc. to 21 CFR Part 11 (Level 1) or wireless options to embed sample data into fully computerized workflows and software programs for compliant environmental monitoring (Level 2).



**Everything you need**  
Discover our comprehensive settle plate portfolio for use with the MAS-100 Atmos<sup>®</sup>  
[SigmaAldrich.com/settle-plates](https://SigmaAldrich.com/settle-plates)

- LEVEL 0** **Non-digital workflow**  
 Freely accessible configuration
- LEVEL 1** **Workflow with hardware key**  
 21 CFR Part 11 compliant user management
- LEVEL 2** **Workflow with result barcode**  
 Embed into computerized workflows

## Compliance & Reliability for your future challenges

The instrument is designed according to GAMP 5 requirements for precise and accurate sampling of compressed gases in GMP regulated environments and cleanrooms. The software functions fulfill all requirements for data integrity according to 21 CFR Part 11.

**ONE STEP AHEAD ...**

Find out more about our latest innovation:  
[SigmaAldrich.com/mas-atmos](https://SigmaAldrich.com/mas-atmos)





# Millipore®

Preparation, Separation,  
Filtration & Monitoring Products

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**SigmaAldrich.com**



# DONE

## STEP AHEAD!

Your first choice for microbial testing expertise



Discover our comprehensive microbial testing portfolio, services and regulatory guidance on our website:

**SigmaAldrich.com/  
environmentalmonitoring**

#### To place an order or receive technical assistance

For countries across Europe, please visit: [SigmaAldrich.com/offices](https://SigmaAldrich.com/offices)

Or order online at: [SigmaAldrich.com/order](https://SigmaAldrich.com/order)

For Technical Service, please contact: [SigmaAldrich.com/TechService](https://SigmaAldrich.com/TechService)

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