

nomad

SMART MICROBIOLOGY

To build insightful data and prevent contaminations, for the peace of mind of busy managers!

The nomad solution is all-inclusive with versatile test devices, Apps and access to shared industry experience.

100%

- Autonomy
- Traceability

-50%

- Cost / Test*
- *compared to outsourced testing

0

- Paper & Pencil
- Investment



BioMire
Smarter Microbiology

Monitoring made simple

Each manufacturing site is unique and alive, so is the microbial ecosystem within it. It can be hard to appropriately monitor microbial contaminations and no longer feel at risk of spoiled production and potential reputation damages if the spoilage is not caught on time.

Limited access to laboratory capabilities and microbiology expertise may lead to an incomplete sampling plan to define what is specifically required for any facility and activity.

BioMire's nomad solution sets technical hurdles aside, seamlessly documents what you do, records test results and helps you read the records in a practical way, so that you can be autonomous and efficient at improving what you do over time.

Included in the Data Starter Pack are scheduled online meetings with our team to help set-up, adapt and optimize your sampling plan to accelerate your access to actionable information.

Test-And-Forget while in the action

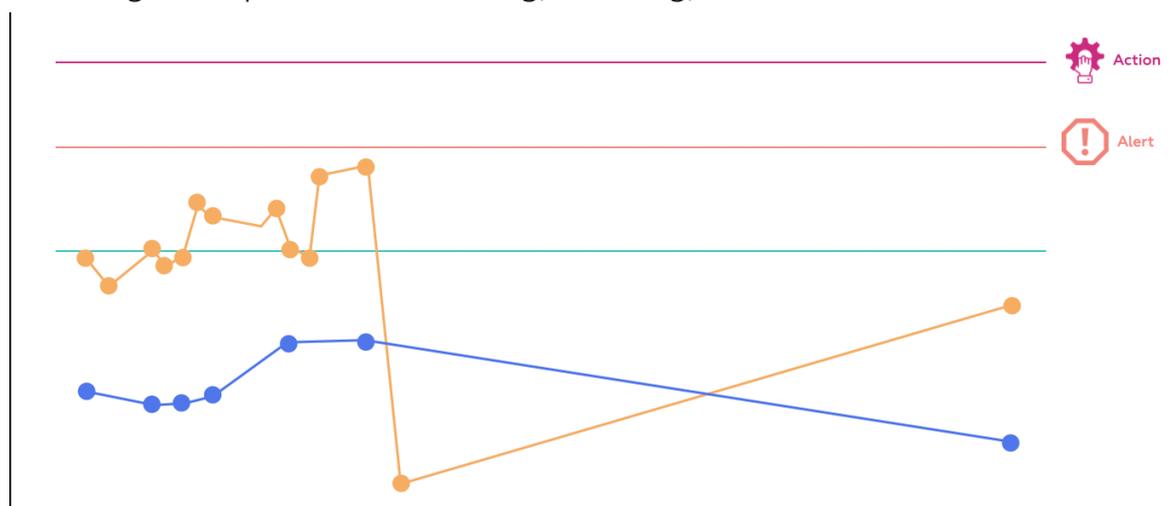
- To stay focused on the other tasks at hand
- Information on the process, sample, sampling and analysis is collected with the Mobile App and stored
- The nomad Online App automates the microbial population counts, reports and alerts, ready for review and sharing when needed

With the ANALYSIS Online App feature:

- Select a sampling point and sample type
- The microorganism concentrations are displayed
- Alert levels are automatically calculated
- Set your own Action limits
- Include another control value for display

Access your data to understand

- What is normal and not
- What requires attention
- If there are drifts
- If process indicators are related or not
- What are the right frequencies for testing, cleaning, maintenance



Decades of industry experience at your service, built into the nomad smart microbiology solution and available live!

and smarter

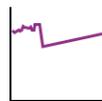
Sampling plan

- Test critical control points routinely
- Test process environment randomly

Use the information to adjust the plan and improve cost/benefit ratio
Learn from both your experience and from ours

Technical Management

Comparison along the process



Information

- Evolution of the microbial load from raw-materials to finished products
- Influence of intermediate product holding time / temperature
- Influence of cleaning frequency, preventive maintenance
- Efficacy of microbial load reduction operations (pasteurisation / filtration)

Insights to process understanding

Hygiene Management

Comparison between techniques



Information

- Consistency between rapid hygiene techniques and microbial populations
- Efficiency of cleaning and sanitizing procedures
- Contamination build-up origin

Insights to understanding the microbial environment

Maintenance Management

Comparison between sites



Information

- Influence of working environment
- Influence of equipment design
- Influence of equipment usage and operating conditions

Insights to understanding operations

Technique made simple

nomad devices are always easy to use, anytime, anywhere

Microbial testing typically includes careful sample handling, transportation and analysis, as well as complete and accurate documentation, tasks that are daunting and error prone.

nomad devices and Apps deal with that burden reliably while applying best practices in Quality Assurance, microbiology and process monitoring, so you can build insightful information painlessly.



Simple

The all-in-one Tester for liquids and the Swab Test kits simplify routine microbiological analysis of liquids and surfaces for levels of environmental and spoilage bacteria, yeast or mold.



Easy-to-Use

Simply add a small sample of liquid to the Pre-sterilized sampler or wipe a surface of interest with the Swab.



Easy-to-Store

Stable at room temperature for 12 months. No waste of time: Incubation starts within minutes after sampling.



Ready-to-Go

No dedicated equipment, ideal for both regular testing campaigns and occasional use.



Efficient

With all-in-one sampling and testing devices, no time, energy or material is spent on transporting the sample back to the lab.

Relevant

Results comparable to those obtained in a lab.

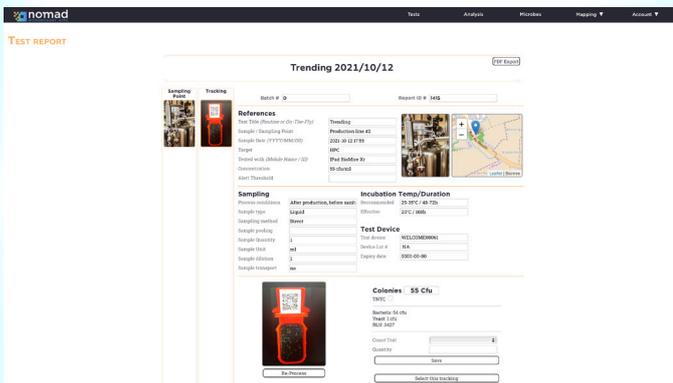
With the online application

The nomad web application is designed for production, quality and hygiene managers for:

- Controls of decontamination effectiveness
- Process monitoring
- Site environmental mapping
- Maintenance reports
- Logistics
- Audits
- Troubleshooting
- Training and sensitization of the personnel



Trend analysis features include trending, automatic alert level settings, comparison of dual measurements.



A complete solution to:

- Reassure your consumers
- Prevent spoilage during distribution
- Identify the causes of non-conformity
- Gain autonomy for investigations
- Raise awareness of hygiene issues
- Collect data for Quality Assurance
- Verify sanitary design



- Easy and intuitive to use
- Painless and Pen-free traceability
- Test-And-Forget with easy data management
- Automated tasks to save time, gain insights, and reduce error
- Expert knowledge and best practices built-in to be seamless

Everywhere

By Industry



By Application



Water: potable, purified, production, reagent grade, rinsing, cleaning...



Surfaces: sanitary design, cleaning, decontamination, investigations...



Process control: equipment, intermediate products, degradations, fermentations, hygiene measures...



Correlation between measurements: ATP results, acidity, temperatures...



Raw materials: from natural origin, hydrocarbon, containers and closures...



Hygiene: surfaces, CIP rinse water, fingers, hygiene indicators, spoilage organisms...



On site, off site: water resources, audits, trouble shooting, storage facilities, transport...

A complete and efficient risk management system

Microbial Risk Management Systems (MRMS), the basis of our technology, are multi-disciplinary systems which provide spoilage and hazard management expertise within a single integrated solution.

The MRMS serves several purposes such as:

- Regulatory obligations
- Release tests and autocontrols
- QA requirements and HACCP implementation
- Qualifications and validations
- Organization KPIs



Knowing what populations are present in an environment, where they might come from and their significance can provide valuable insights for managing and preventing risks. The On-Line App contains a Micro-Wiki, a microbiological resource for recognising bacteria from their colony morphology and other useful information about microorganism origin and preferred environments.

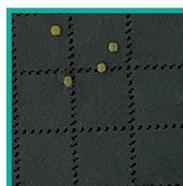
With your contribution this resource will continue to grow and help others in their endeavors



Type 1: 168 cfu
Type 2: 18 cfu
Type 3: 3 cfu



Candida albicans
25-35°C - Ubiquitous
Pharma, Cosmetic
Pathogen



Sphingomonas paucimobilis
25-30°C - Water, soil
All industries
Hygiene indicator, spoilage



Penicillium chrysogenum
25-30°C - Ubiquitous
Food
Spoilage

The plug & play nomad solutions help you build an insightful data history, seamlessly!

Getting started

- Open a free plan at nomad.biomire.solutions
- Install the nomad phone App for Android or iOS on your mobile device



- Link your mobile to your account

OR

Opt for a customised Data Starter Pack with all you need for your 3-12 months sampling plan:

- 4 scheduled technical calls to help set up and manage your sampling plan
- 1 year access to all nomad App functionalities the devices you need, no more, no less

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MICROBIAL AWARENESS

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