



AIR. NOTHING ELSE.



MAS-100 LIBRA®

Proven settle plate sampling. Now automated.

MAS-100 Libra® is a leading autonomous solution that automates the changing of settle plates during passive air sampling. By minimizing manual intervention, it reduces costs while enhancing the reliability of continuous environmental monitoring. This proven measurement method complies with all key regulatory standards such as EU GMP Annex 1.

COMPACT: Suitable for isolators and RABS for aseptic processing (footprint corresponds to 3 adjacent plates)

MOBILE: Mountable on a stand for cleanroom grades B–D

RELIABLE: Durable and fail-safe in routine operation

SECURE: Maximum protection for product and environment



BENEFITS



REDUCE INTERVENTIONS

Minimize workload thanks to automation



REDUCE OPERATING ERRORS

Obtain reproducible sampling results



INCREASE PRODUCTIVITY

Enhance the speed of critical processes and cut costs



ENSURE SECURE DATA DOCUMENTATION

Trust in documented data and secure reliable alarming



SAMPLE AUTONOMOUSLY FOR 24 HOURS

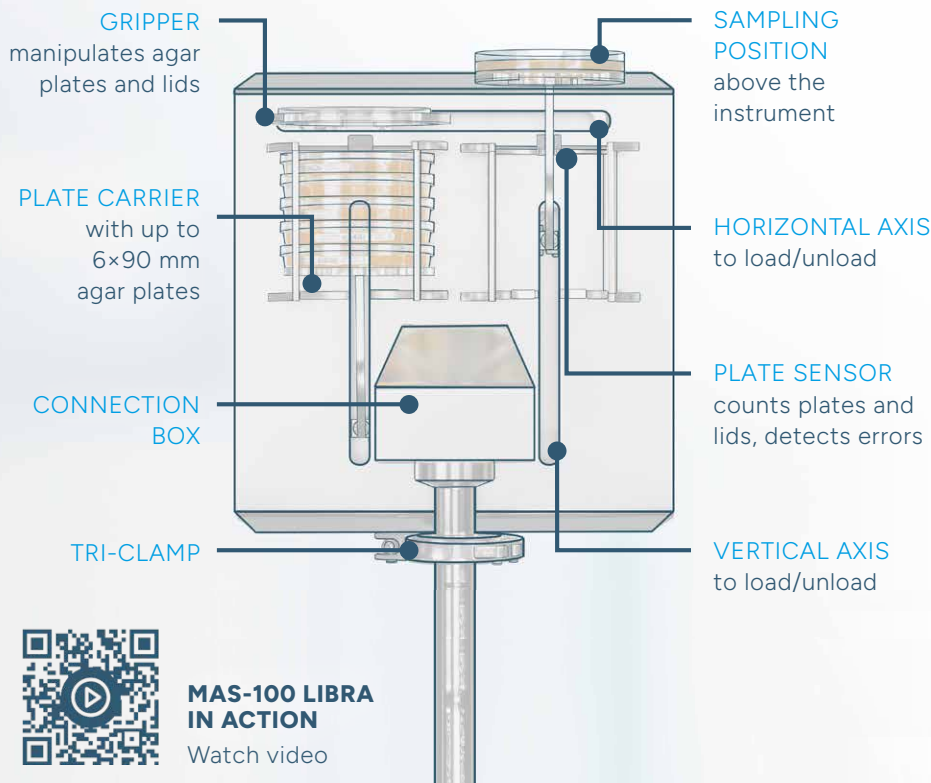
Relieve operators from repetitive tasks



STAY 100% REGULATORY COMPLIANT

Achieve contamination control strategy and adhere to EU GMP Annex 1 standards

KEY ELEMENTS OF MAS-100 LIBRA



SPECIFICATIONS

Dimensions	H 28.7 cm W 25.6 cm D 13.9 cm
Weight	5.3 kg
Space requirements	356 cm ²
Main material (stainless steel)	Sheet: 1.4404 Milled parts: 1.4435
Operating temperature	0 to +40 °C
Input voltage	24 V
Power consumption	< 48 W
Overvoltage protection	Category 1
Enclosure protection	IP20
Communication	Modbus TCP/ RESTful API via RJ45 ethernet

PERFECT FIT FOR CRITICAL ZONES

MAS-100 Libra is fully validated in accordance with GAMP5 standard.

- ✓ Tested with various 90 mm standard and lockable agar plates.
- ✓ Superior flow resistance properties with minimal turbulences and no risk of backflow.
- ✓ Low particle emission with acceptance levels passed for Grade A.
- ✓ Intelligent error detection ensuring seamless performance by identifying operational issues.
- ✓ Decontamination is proven through rigorous testing with enzymatic and biological indicators.

PERFORMANCE FEATURES

Plate handling speed	Average time for plate change: 1 min
H ₂ O ₂ compatibility	Resistant against volatile and micro-nebulized volatile hydrogen peroxide.
Environmental impact over lifetime	UBP: 632 000 points EF3.0: 0.0671 GWP100: 270 kg CO ₂ equivalents
Internal timer accuracy	0.5 %

ESSENTIAL EXTRAS

MAINTENANCE

- Self-test routine to validate the functionality of critical instruments
- Report generation with pass/fail criteria

SERVICES

- IQ/OQ documentation
- Instrument testing
- Customized guidance from experts

ACCESSORIES

- Remote-control button
- Stainless steel stand
- Tri-clamp clamp connections



LIVE DEMO & CONSULTATION
Get in touch!