



MAS-100 ISO NT®

**MBV**  
AIR. NOTHING ELSE.

# MAS-100 ISO NT®

The MAS-100 Iso NT® is designed to monitor air microbiology in isolators and RABS. Like all other MAS-100 air samplers, it's based on the Andersen impaction principle. All electronic and moving parts are located outside the critical zone, whilst one stainless steel sampling head for standard 90 to 100 mm Petri dishes collects samples in the containment zone. The unique double-valve protection concept keeps contaminants out of the containment zone and prevents potential loss of production batches. The MAS-100 Iso NT® also has an integrated pump with flow monitoring for automatic in-line decontamination of the sampling head and aspiration tube. Thanks to fully automatic calibration, the device guarantees maximum efficiency and accuracy.



## BENEFITS

- Automatic calibration function with the DA-100 digital anemometer
- Integrated mass flow sensor with temperature and air pressure compensation
- Integrated display
- Sampling parameters identical to those of the MAS-100 NT guarantee comparable data
- Three sampling programs: standard, sequential, consecutive
- Developed in accordance with GAMP 4 and compliant with ISO 14698



## CONTROL SOFTWARE

- Comes with computer-based configuration and calibration software
- Integration into SCADA system or similar control systems
- Ethernet, PROFIBUS, USB, nine digital inputs/outputs



## TECHNICAL SPECIFICATIONS

- Airflow 100 standard litres per minute
- Airflow reproducibility  $\pm 2.5\%$
- Recovery rate D50 =  $1.1\mu\text{m}$  @ 100 SLPM
- Operation with 90 to 100 mm Petri dishes
- Sampling head made from stainless steel EN 1.4435 (X2CrNiMo18-14-3) in accordance with BN2 (electro-polished pharmaceutical quality)
- In-line decontamination of the sampling head and aspiration channel
- Length of the base unit 28.3 cm, width 23 cm, height 16 cm, weight approx. 7.5 kg (without sampling heads)
- Maximum tube length 10 m



## ACCESSORIES

- DA-100 NT®
- PSD-10®
- Steel perforated lid
- Steel dust covers

LEARN MORE AT [WWW.MBV.CH/MAS-100-ISO-NT](http://WWW.MBV.CH/MAS-100-ISO-NT)