



MAS-100 NT®

MBV
AIR. NOTHING ELSE.

MAS-100 NT[®]

The MAS-100 NT[®] is the world's best-selling air sampler, designed to monitor air microbiology in cleanrooms and hygienically ultra-sensitive areas. Its high recovery rate is based on the Andersen impaction principle. An integrated airflow sensor compensates for differences in pressure and temperature in the environment. In combination with the DA-100 NT anemometer, the MAS-100 NT[®] features an automatic calibration function – for precise, independent air-flow testing. The instrument also allows for the use of standard Petri dishes and special plates and is exceptionally easy to use.



BENEFITS

- Integrated mass flow sensor with temperature and pressure compensation
- Fully validated system, compliant with all current standards
- Sophisticated instrument geometry, vertical airflow and isokinetic sampling speed prevent turbulence in the laminar airflow
- Automatic calibration function
- Explosion-proof model available
- Operation with standard Petri dishes and contact plates
- The SQS cycle enables division of the total volume into sub-volumes and thus measurement over a longer period of time
- The integration of high-quality, particle-free components eliminates the need for HEPA filters
- Rotatable sampling head for horizontal sampling



SOFTWARE

- Dialogue-based menu operation
- Five pre-programmed volumes, or individually adjustable between 1 and 2000 litres
- Computer communication, including software
- Operation can be locked via computer software
- Individual, process-controlled methods
- Real-time clock with date and calibration reminder



TECHNICAL SPECIFICATIONS

- Airflow 100 standard litres per minute
- Airflow reproducibility $\pm 2,5\%$
- D50 value 1.1 μm
- Rechargeable battery, autonomy approx. 5.5 hours
- Housing made from anodised aluminium
- Interchangeable, autoclavable sampling head
- Programmable start delay
- Can be used with 300x0.6 and 400x0.7 perforated lids
- Height 27cm, \varnothing 11 cm (17cm with handle), weight approx. 2.3 kg with sampling head



ACCESSORIES

- DA-100 NT[®]
- Tubing adapters
- PSD-10[®]
- Aluminium perforated lid
- Transport case
- Aluminium dust covers

LEARN MORE AT WWW.MBV.CH/MAS-100-NT