

# vali.sys

we prove clean air



## OUR SERVICES

# Welcome

**Quality is our top priority!**

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## **Thomas Bleibler** teamleader service

I am the head of the service department at vali.sys ag. It is particularly important to me that our customers can rely on our services — competent, personal, and uncomplicated.



To ensure that the quality of your production and processes is guaranteed in the long term and meets the highest standards, we not only offer maintenance for your monitoring system, but also professional calibration of your sensors, regardless of your system.

Our calibrated measuring devices for environmental sensors are recalibrated annually by an SCS and/or DAkkS-accredited laboratory. Our technicians have many years of experience and are always available to answer your questions competently – because your satisfaction is our motivation.

Your particle counters are in good hands with us. We test them carefully in our in-house laboratory to ensure that your products have only been exposed to clean air.

I would be happy to provide you with a non-binding quote for maintenance and calibration – so that the quality of your products remains assured in the future.



# Headquarters

## Innovative Swiss company in the idyllic Zürich Oberland

Clean air is more than just a technical challenge. Our mission is to provide you with a smoothly functioning system to monitor your air quality.

For over 20 years, customers have been relying on our validated, GMP- and ISO-compliant monitoring solutions, which are characterized by maximum precision, safety and reliability. Our SCADA applications and monitoring systems enable precise real-time data monitoring so that you have full control over your sensitive production processes at all times.

By integrating the MESSmatik AG laboratory, we have expanded our portfolio in a targeted manner. This means you benefit from highly specialized technical staff and additional calibration services — including, for the first time, for acceleration and film welding devices.

As the official Swiss distributor of Tinytag Logger, we can offer you an even broader and more precise range of services.

Your satisfaction is what keeps us going. By working closely with you and our trusted sales partners, we develop innovative and sustainable solutions that offer you many benefits today and in the future. Whether you need consulting, planning, installation, real-time monitoring or regular maintenance and calibration - we are at your side as a reliable partner.

# Calibration Laboratory

## Precision for your measurements

The choice is yours: we calibrate your devices either in our own laboratory or conveniently on your premises - so the entire process remains in one hand.

If necessary, your devices and sensors will be precisely adjusted. The results of the calibration are documented transparently: From the initial calibration ("as found") to the calibration after adjustment ("as left") - all in a detailed certificate.



### Particle counters

We also offer calibrations for particle counters in our in-house laboratory as well as through our mobile calibration laboratory for fast and flexible on-site support. This is how we ensure that your particle counters have worked reliably to date.



### System

- Watchdog
- UPS function
- Alarm lamp function
- Alert function
- IO node function
- Sensor function check
- Pump maintenance
- Hose check
- Flow check
- Creating backup copies

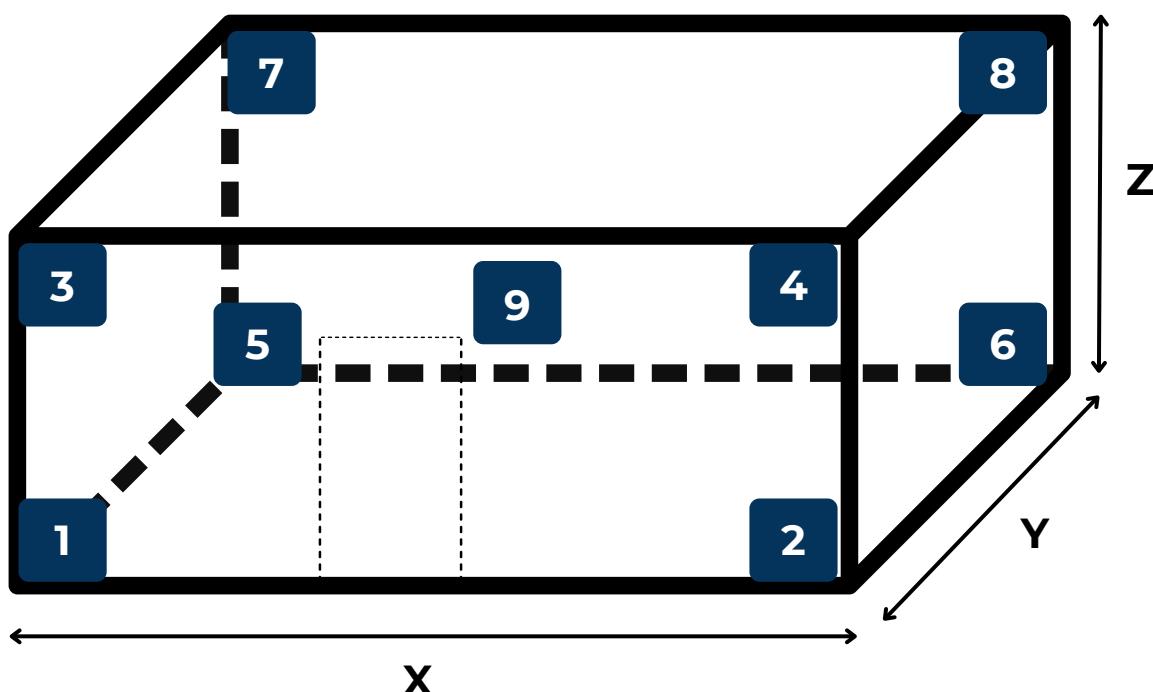
### Calibration

- Temperature and humidity sensors (incl. combination sensors)  
Factory calibrations (-90°C - 155°C) (0%, 10% - 95%rh)
- Pressure and acceleration sensors (0 - 4 bar / 1 - 15 g)
- Voltage and current meters (VDC/mA)
- Flow sensors (e.g. for air velocity)
- Particle counters
- CO2 sensors
- Film welding tongs

## Safety for your sensitive products - precise mapping for reliable conditions

Whether it's a climate-controlled cabinet, storage room or transport container - stable climatic conditions are crucial for protecting moisture- or temperature-sensitive products. Deviations can not only impair product quality, but also cause high costs and damage to your image.

Our mapping services help you to identify critical environmental conditions at an early stage and ensure that your processes comply with the required standards. Should unexpected deviations occur, our precise measurements allow you to react quickly.



### Mapping-Services

- **Individual advice:** Definition of requirements according to IQ, OQ and PQ.
- **High-precision measurements:** Mapping data loggers are ISO 17025 or factory calibrated. Range from -90°C to +100°C (temperature mapping). 0°C to 50°C / 10% to 95%rh (temperature and relative humidity mapping).
- **Installation & distribution:** Optimum positioning of the sensors for exact measured values.
- **Seamless monitoring:** Thanks to the use of data loggers, we enable you to continuously record the climatic conditions.
- **Detailed analysis:** Evaluation and identification of the "worst case" of the cabinet or room climate.
- **Standard-compliant documentation:** Creation of all required reports in PDF format, digitally signed.

# Data logger - Precise measurement and reliable monitoring



## What is a data logger?

A data logger records environmental parameters using a sensor. Once the data has been collected, it can be transferred to a computer for further analysis and processing.

### Measuring ranges

- Temperature
- Relative humidity
- Light
- Acceleration
- CO<sub>2</sub>
- VOC
- Pressure

### Data transmission

- Bluetooth
- USB interface
- Radio
- WLAN



## Why are data loggers indispensable?

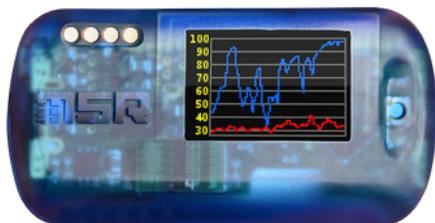
- No measurement gaps during maintenance or calibration.
- Uninterrupted recording ensures process continuity.



## Areas of application and advantages

- Flexible and easy handling.
- Low effort, high time and cost savings.

## Our top sellers:



### MSR 145W2D

- Temperature
- Humidity
- Light
- Air pressure
- Acceleration

### Tinytag Ultra 2

- Temperature
- Humidity
- -25 to +85°C
- 0 to 25% rH

### Tinytag Talk 2

- Temperature
- -40 to +85°C

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