



Solutions for the Industry



Pictures: Pixelquelle.de

- > Automated VOC monitoring systems:
 - > Real-time monitoring of selected compounds, multiple sampling points, customized software

ADVANTAGES OF OUR INDUSTRIAL VOC MONITORING SOLUTIONS

> Low cost per sampling point

Due to our very low detection limits (down to 5 pptv) and our ultra fast sampling and detection system (response time as low as 100 ms) we are able to monitor different sampling points with one instrument in a very advantageous time per measurement cycle.

> Modular software

Our in-house software department develops software solutions according to your individual monitoring needs. We have a modular system software that fulfils your requirements in terms of controlled substances, cycles, sampling points, alarm settings and triggered actions.

> Scalable solution

Our inlet solutions are based on our customers' requirements for sampling points, sample line lengths, and the desired sampling frequency. Therefore we can provide a wide range of solutions for small to very large plants, and for one or for many sampling points/lines.

> Easy to Use

Our instruments are remote-controlled by software in order to auto-check their performance and to make calibrations. The user interface is kept very simple and displays a clear overview of necessary information to keep workplaces and your plant safe.

> Little Maintenance

Our technology does not need any expensive gases, water flow or compressed air to work. Thus the operational costs are low compared to other systems. Discrete maintenance intervals allow our customers to calculate maintenance needs.

PTR-MS

- > Customized solutions
- > Auto-calibration and optimization
- > Multiple sampling points
- > Easy-to-use
- > Robust



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EXAMPLE OF A VOC MONITORING PROJECT IN A CHEMICAL PLANT

A customized solution has been developed to continuously monitor dimethylsulfate in a chemical plant according to our customers' needs. Our experts have taken into account special requirements in terms of:

- > The number of sampling points
- > Auto-calibration
- > Auto-optimization of the instrument
- > An easy-to-use software interface
- > A software-triggered alarm system

This solution allows monitoring of 12 different sampling lines, includes regular calibration for dimethylsulfate, checks the system state and gives an output to the user (see Fig. 1).

YOUR VOC MONITORING NEED

Each industry branch is different and every plant has special requirements. We have analytical know-how and very advanced technologies with which our experts can design a solution to suit your needs.

Contact us to talk about your case and to find a solution that is:

- > Cost efficient
- > Easy-to-use
- > Robust
- > Customized

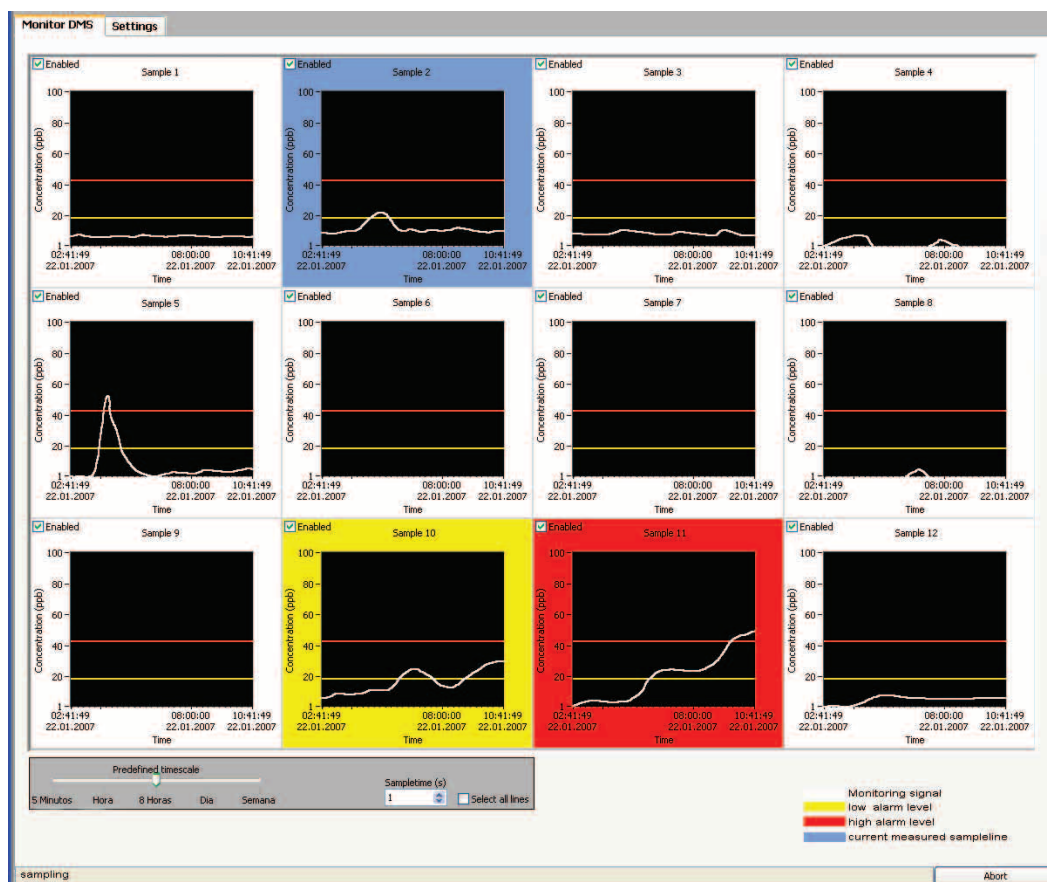


Fig. 1: Software interface with 12 real-time sampling points, triggered alarms (yellow, red) and the currently observed sampling line (blue).