



# 1 Software - 3 Parameters

## New PreSens Measurement Studio 2



Dear Dr. Max Mustermann

May we introduce to you the revised software [PreSens Measurement Studio 2](#), which does not only control several PreSens oxygen measurement devices ... no, it allows now to control **several oxygen, pH and CO<sub>2</sub>** PreSens meters simultaneously.

You might also want to read one of our latest [application examples](#), showing the performance of three different reactor concepts concerning the oxygen input into the liquid phase.

Bioengineering is your topic? Then have a look at our very first [scientific video publication](#) ...

And finally, we kindly invite you to please [sign up](#) for one or several of our application specific newsletters - coming soon!

Enjoy reading and do not hesitate to contact us in case of any questions!

Your PreSens Team

- >> [Product News](#)
- >> [Application Example](#)
- >> [Scientific Video Publication](#)
- >> [Newsletter Registration](#)
- >> [Upcoming Exhibitions](#)

## Product News

>> [Back](#)

[PreSens Measurement Studio 2 - PMS2 \(version 3.0.0\)](#)

| Devices and Channels      |                |
|---------------------------|----------------|
| <b>OXY-1 ST trace, O2</b> | SACG0001000051 |
| <b>CO2-1 SMA, CO2</b>     | SACL0001000005 |
| <b>pH-1 SMA HP5, pH</b>   | SAEE0001000002 |
| Single Channel            |                |
| Measurement               | -              |
| Sensor                    | Sensor pH      |
| User                      | default        |

The PreSens Measurement Studio 2 has been developed and designed to control **several USB-based** PreSens O<sub>2</sub>, pH & CO<sub>2</sub> devices connected to a PC with one software. It enables data transfer between device and PC. Easy data management for sensors, measurement files, and users as well as export of files into .csv and Excel® format can be realized with just a few clicks. The intuitive measurement control eases performing precise measurements with a multitude of devices simultaneously.

#### Main features:

- Easy data management
- Data transfer
- Grouping of measurement channels

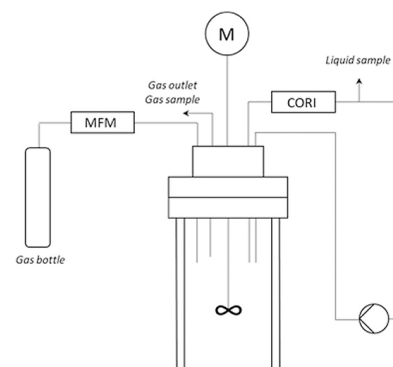
## Application Example

[>> Back](#)

### Gas Input Measurements Using an Optical Oxygen Probe Oxygen Input into the Liquid Phase of Three Different Reactor Concepts Measured with OXY-1 SMA trace

The aim of this work was to show the performance of three different reactor concepts concerning the oxygen input into the liquid phase. For this purpose, water was aerated at 4.2 bar with synthetic air and the oxygen concentration measured at the reactor outlet. The results show a very good gas input in all three systems, as the theoretical maximum concentration of dissolved oxygen was almost reached. However, neither a significant difference between the two types of reactors nor of the two types of stirrers could be detected.

[>> Read the entire application note ...](#)



## Scientific Video Publication

Have a look on our first scientific video publication, showing the "**Methanol Independent Expression by Pichia Pastoris Employing De-repression Technologies**" by using the multi-parameter system SFR vario.

## Topics Important to You!

We want to inform you targeted to your interests and will therefore implement an application based customer newsletter. You may register for one or more of the following topics:

- Animal & Plant Physiology
- Biotech / Cell Culture / Life Sciences
- Food / Beverage / Packaging
- Process Industry
- Respirometry
- Soil / Water / Interfaces
- Tissue Engineering
- Wastewater Treatment

>> Interested? Then please use this [link to sign up!](#)

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## Upcoming Exhibitions

>> [Back](#)

April 2 - 5, 2019

[BioProcess International Europe 2019](#)

Vienna, Austria, Messe Wien Exhibition Congress Center, Booth 80

April 24 - 27, 2019

[RPP10 2019](#)

Crete, Greece, Hotel Creta Maris

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You would like to learn even more about PreSens Precision Sensing? Please visit our homepage [www.presens.de](http://www.presens.de) and don't hesitate to contact us. Any feedback will be appreciated.

With kind regards

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Communications



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