



Microx 4 & Microx 4 trace

one oxygen measurement device for
non-invasive sensors, probes & microsensors

Dear Max Mustermann

Today we have the pleasure to introduce to you our **brandnew Microx 4 & Microx 4 trace!** For the time being, it is the sole independent display controlled device on the market handling non-invasive and microsensors as well as sensor probes. Together with this stand-alone, portable fiber optic oxygen meters we present you also two new sensor types: PSt7 for measurements in normal oxygen range (detection limit 15 ppb, 0 - 100 % oxygen) and PSt8 (detection limit 3 ppb, 0 - 10 % oxygen) for measuring oxygen traces. Both devices will be shown in public for the first time at the ANALYTICA 2014 in Munich, 1st - 4th April. We are looking forward to welcoming you at our booth A3.214!

In addition, our busy researchers and developers invented **new single-use flow through cells** for online monitoring of oxygen and pH in perfusion systems.

As all good things go by threes, we want to inform you also about our **VisiSens TD:** the first standardized, modular system for time-domain fluorescence lifetime imaging. Detailed information on all three new products by PreSens you find in our section on Product News.

Enjoy reading and we are keen on your feedback!

[>> Product News](#)
[>> PreSens News & Events](#)
[>> Close Up](#)

Product News

[>> Back](#)



Microx 4 & Microx 4 trace

Stand-alone and portable oxygen meter for chemical optical non-invasive & micro sensors as well as sensor probes

- compatible with PSt7-02/PSt7-10 (wide range sensors) and PSt8-02/PSt8-10 (oxygen trace sensor)
- suitable for dry and humid gases and in aqueous samples
- unique ID and barcode scan
- one- and two-point calibration
- simple and intuitive user interface

[>> Read the new Microx 4 brochure](#)

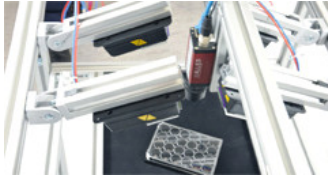


Single-Use Flow Through Cells

Miniaturized chemical optical sensors integrated in single-use flow-through cells (FTC-SU) allow non-invasive, online monitoring of oxygen, or pH in perfusion systems.

- different sizes and shapes for various flow rates
- easy connection to external tubing
- simultaneous measurement of O₂ (normal and trace oxygen ranges) and pH (range of pH 5.5 - 8.5) in one tubing
- beta-irradiated or non-irradiated
- read-out with e. g. Fibox 4 or pH-1 mini

>> [Read the new brochure on Flow-Through cells O₂, pH](#)

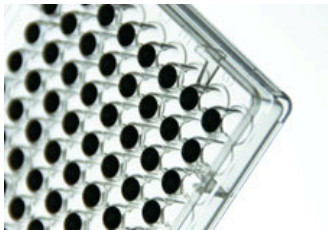


VisiSens TD

2D Sensing of Oxygen, pH, or CO₂

- first standardized, modular system for time-domain fluorescence lifetime imaging
- perfectly balanced components for your customized imaging solution
- visualize analyte distributions in an area up to 30 cm x 25 cm within one image
- variable sensor geometry and field of view
- ratiometric and time-domain operation modes

>> [Read the new brochure on VisiSens TD](#)



HydroPlates HP96U

[Reliable Results with HydroPlates and HydroDishes](#)

The round-bottom HydroPlates and HydroDishes will now have the same technical specifications regarding resolution and precision. To customers using flat-bottom HydroPlates HP96C so far, we recommend to combine HydroDishes 24 together with our SDR SensorDish Reader as the majority of our customers experienced better results.

>> [For technical specifications read our brochure on Disposables](#)

PreSens News & Events

>> [Back](#)



Half Way around the Globe for Science

PreSens' first time at the 2014 ASLO Ocean Science Meeting in Hawaii

Presenting sensor and imaging systems to scientists and specialists in marine science disciplines from all over the world was the main goal for PreSens to participate in the 2014 Ocean Science Meeting in Honolulu on February 23rd - 28th.

>> [Click here to read more](#)

Meet Us at One of Our Upcoming Exhibitions:

April 1st - 4th, 2014

Analytica

www.analytica.de

Munich, Germany, Messe München International, Booth A3.214

You are interested in visiting our booth at the Analytica but you do not have a day-ticket yet? In this case, you are very welcome to get in touch with us. We will be happy to arrange an appointment with you and send you a [day-ticket for free](#).

April 2nd - 4th, 2014

3rd BioProScale Symposium

biotechnologie.ifgb.de/seminars-conventions/index.html

Berlin, Germany, Technische Universität Berlin, Institute of Chemistry,
Lecture Hall C130

June 10th - 13th, 2014

TERMIS EU Chapter Meeting

www.termis.org/eu2014/index.php

Genova, Italy, Magazzini del Cotone Conference Center, Booth 4

Close Up

[>> Back](#)



Britta Anderlei - The Face behind Dr Shaker

Supported by PreSens and its partner companies, Kuhner AG and TPP Techno Plastic Products AG, the "[Forum Shaking Technology](#)" started out in 2008 and provides developers and users of shaken bioreactors with support and information. Dr Britta Anderlei created the forum website and ever since manages its content, keeping it up to date with latest developments in the sector. She is the person behind the website's figurehead Dr Shaker - who will answer all questions regarding shaken cultures - connecting users with specialists from academia and industry.

[>> Click here to read more](#)

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

With kind regards

Christina Schlauderer

Communications



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