



Wastewater Treatment DO Measurements with OXYBase®

Dear Max Mustermann

Address the imbalance between the daily amounts of wastewater and the declining resource of valuable drinking water by using PreSens technology to clean wastewater and return it as valuable resource to the water cycle. The well-proven OXYBase allows DO measurements in wastewater treatment. And don't miss to take a look at our selection of publications on the topic of wastewater treatment.

Your PreSens Team

Wastewater Treatment with OXYBase

This series of robust, low-maintenance [OXYBase oxygen probes](#) is ideally suited for dissolved oxygen measurements in sewage and wastewater treatment. The probes communicate via RS232 or RS485 and can be directly connected to a control unit. They can be delivered with various cable lengths as required and an OXYBase® probe with analog output is also available. With their stainless-steel housing (SUS 316 L) and exchangeable sensor caps they provide a long-term solution for your dissolved oxygen measurements during wastewater treatment.



Researchers Used PreSens Product Range for Wastewater Topics



Interested in some "food of thought"? Then take a look at our [basic information on wastewater treatment](#) as well as at some matching application notes and publications, showing how many of our PreSens products help to treat wastewater:

- Assessment of oxygen depletion and biofilm structure grown in MBBR carriers: tracking the distribution of oxygen penetration through biofilm carriers with VisiSens
- Non-invasive online oxygen measurement: Bacterial toxicity tests for use in pharmacological agent
- Advanced respirometry with chemical optical sensor spots: non-invasive tracking of oxygen, carbon dioxide and pH as indicator for nitrification activity
- Oxygen transfer of microbubble clouds in aqueous solutions - Application to wastewater
- Effect of ozonation on the biodegradability of urban wastewater treatment plant effluent
- Dissolved organic nitrogen inputs from wastewater treatment plant effluents increase responses of planktonic metabolic rates to warming
- Effects of wastewater treatment plant effluent inputs on planktonic rates and microbial community composition in the Baltic Sea
- Sulfide-iron interactions in domestic wastewater from a gravity sewer
- Effects of iron on chemical sulfide oxidation in wastewater from sewer networks

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



PreSens Precision Sensing GmbH
Am BioPark 11 - 93053 Regensburg - Germany
Phone +49 941 942 72 100, Fax +49 941 942 72 111
christina.schlauderer@presens.de, www.PreSens.de

Trade Register Ingolstadt HRB 101505, CEO: Achim Stangelmayer

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