

## ***PreSens Precision Sensing GmbH***

### **Business Strategies**

PreSens is a world leader in the field of chemical optical sensors. It develops, manufactures and distributes sensor systems for Biotech [&] Pharma, Food [&] Beverage, Scientific Applications and Medical Devices. PreSens focuses on parameters which are essential for life: oxygen, pH and carbon dioxide. PreSens is certified EN ISO 13485:2003 + AC:2007 and ISO 9001:2008.

### **Products**

PreSens offers systems incl.

- Dissolved oxygen and CO<sub>2</sub> measurement in gases and liquids
- Non-invasive online pH, CO<sub>2</sub> and oxygen measurement
- Oxygen and pH sensors for single-use bioreactors
- Microsensors for pH and oxygen
- OEM sensor components for medical equipment manufacturers
- Imaging Solutions: 2D-sensing of oxygen-, pH- and CO<sub>2</sub>-distributions
- Process control in shake flasks
- Low-maintenance DO measurement for fermentation and bioreactor systems
- Online oxygen and pH measurement in disposables like multiwell plates and plastic bags
- VisiSens for imaging of oxygen distributions

Our product range is constantly expanded.

### **Service and Distribution**

Based on research activities started in the 1980's PreSens Precision Sensing was founded in 1997 as a spin off from the University of Regensburg, Germany.

Right from the beginning microsensor systems were sold to researchers in the life science area. Our worldwide customer base in the scientific R[&]D business field has now grown to hundreds of users. Over the last 14 years, we have delivered our special microsensors and our non-invasive systems for various applications such as respirometry, biology, or medical research.

Furthermore, we are developer and manufacturer of opto-electronic OEM sensor components for companies in the field of medical equipment and process control.

Together with our partners we offer full service in Europe, USA and Asia.