


Methods, IOCBC, Friedrich

<p>Oxygen electrode</p> <p><i>Photosynthesis and Respiration measurement</i></p>	<p>Model: Unit and Room: Responsible: Further information:</p>	<p><i>DW1 Oxygen Electrode Chamber, Hansatech</i> <i>Biochemistry, 10th floor, R. 1010</i> <i>Prof. Dr. Thorsten Friedrich, 203 6060</i> <i>http://portal.uni-freiburg.de/biochemie</i></p>
<p>Short Description:</p> <p>DW1 oxygen electrode chamber is a versatile solution to measure dissolved oxygen in liquid phases. A clear, transparent acrylic body is connected to thermoregulation. The sample is housed within a borosilicate glass reaction vessel. Oxygen concentration is sensed via a Clark-type electrode under stirring.</p>	<p>Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <p>Determination of oxygen concentration in liquids.</p>	<p>Special Equipment:</p>	
<p>Measurements on the equipment are currently done by:</p>	<p><input type="checkbox"/> Students <input checked="" type="checkbox"/> Students after Introduction <input type="checkbox"/> Students after extensive training <input type="checkbox"/> Trained scientific service personal</p>	
<p>Recent Publications, where this instrument was important (optional): Give citation</p>	<p>Biochim. Biophys. Acta, 2008, 1777, 735 - 739.</p>	
<p>Typical problems that may be solved with this instrument:</p>	<p><i>Determination of oxidase activities</i> <i>Determination of respiratory activities</i> <i>Determination of photosynthetic activities</i></p>	