


Methods, IOCBC, Friedrich

<p>PDA UV/vis-spectrometer</p> <p><i>Diode array UV/vis spectroscopy</i></p>	<p>Model: J&M, TIDAS II Unit and Room: Biochemistry, 10th floor, R. 1010 Responsible: Prof. Dr. Thorsten Friedrich, 203 6060 Further information: http://portal.uni-freiburg.de/biochemie</p>	
<p>Short Description:</p> <p>Photo diode array spectrometer: 190 - 1020 nm 12 ms / Spectrum; 1024 diodes; 0.8 nm / Pixel; resolution: 1.6 nm; precision: ± 0.07 nm; light sources: deuterium / tungsten</p> <p>Available Experiments/Techniques:</p> <p>UV/vis in transition, integrated stirrer; thermal control</p>	<p>Picture of the Equipment</p> 	
<p>Special Equipment:</p>		
<p>Measurements on the equipment are currently done by:</p>	<p><input type="checkbox"/> Students <input type="checkbox"/> Students after Introduction <input checked="" 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>Proc. Natl. Acad. Sci USA, 106, 17687-17692.</p>	
<p>Typical problems that may be solved with this instrument:</p>	<p><i>Enzyme kinetics, protein/nucleic acid characterization, cofactor determination</i></p>	