


*Methods, IGW, Müller-Sigmund*

<b>Double Beam Spectrometer (Photometer)</b>	Model: Unit and Room: Responsible:  Further information:	<i>Perkin Elmer, Lambda 40 UV/VIS Mineralogy, Lab Build., R. 02012          Sigrid Hirth-Walther, Angela Thiemann (Dr. Hiltrud Müller-Sigmund)  <a href="http://www.minpet.uni-freiburg.de/sites/analytik/analytik.html">http://www.minpet.uni-freiburg.de/sites/analytik/analytik.html</a></i>
Short Description:  Laboratory grade double-beam spectrometer for the analysis in ultraviolet (UV) and visible (VIS) light spectrum between 190 nm and 1100 nm.	Picture of the Equipment  	
Available Experiments/Techniques:  - photometric determination of element concentrations in solutions	Special Equipment:  Multisipper - autosampler for 15 samples UV Winlab software	
Measurements on the equipment are currently done by:	<input type="checkbox"/> Students <input type="checkbox"/> Students after Introduction <input checked="" type="checkbox"/> Students after extensive training <input checked="" type="checkbox"/> Trained scientific service personal	
Recent Publications, where this instrument was important (optional): Give citation		
Typical problems that may be solved with this instrument:	<i>determination of element concentrations in solutions</i>	