


Methods, IGW, Müller-Sigmund

<p>Ion chromatography</p>	<p>Model: Unit and Room: Responsible: Further information:</p>	<p><i>Ion chromatograph Dionex DX 120 Mineralogy, Lab Build., R. 02006 Sigrid Hirth-Walther, Angela Thiemann (Dr. Hiltrud Müller-Sigmund) http://www.minpet.uni-freiburg.de/sites/analytik/analytik.html</i></p>
<p>Short Description:</p> <p>The Dionex DX-120 Ion Chromatograph performs isocratic ion analysis applications using conductivity detection.</p> <p>Available Experiments/Techniques:</p> <ul style="list-style-type: none"> - anion and cation concentration on ppm levels - ion balances 	<p>Picture of the Equipment</p> 	
<p>Special Equipment:</p> <p>Dionex AS40 autosampler Dionex AD25 UV/VIS detector PeakNet software</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 checked="" type="checkbox"/> Trained scientific service personal</p>	
<p>Recent Publications, where this instrument was important (optional): Give citation</p>	<p>Seelig U. and Bucher K. (2010) Halogens in water from the crystalline basement of the Gotthard rail base tunnel (central Alps). <i>Geochimica et Cosmochimica Acta</i>. doi:10.1016/j.gca.2010.01.030</p>	
<p>Typical problems that may be solved with this instrument:</p>	<p><i>Quantitative determination of anion and cation concentrations in solutions</i></p>	