

Methods, IMC, Mülhaupt

<p>Perkin Elmer Differential Scanning Calorimeter</p> <p><i>DSC</i></p>	<p>Model: <i>Pyris 1</i> Unit and Room: <i>Makro 3005</i> Responsible: <i>Florian Müller</i></p> <p>Further information: <i>tel 203 6281</i></p>	
<p>Short Description:</p> <p>Differential Scanning Calorimeter</p>	<p>Picture of the Equipment</p>	
<p>Available Experiments/Techniques:</p> <p>Differential scanning calorimetry or DSC is a thermoanalytical technique in which the difference in the amount of heat required to increase the temperature of a sample and reference are measured as a function of temperature.</p>		
<p>Special Equipment:</p> <p>Intercooler down to - 135 gC</p>		
<p>Measurements on the equipment are currently done by:</p>	<p><input type="checkbox"/> Students <input type="checkbox"/> Students after Introduction <input 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>Typical problems that may be solved with this instrument:</p>	<p>Analysis of phase transitions, melting, glass transition, or exothermic decomposition of polymers</p>	