


Methods, IOCBC, Bannwarth

<h2 style="text-align: center;">Medium Pressure Chromatography</h2>	<p>Model: <i>Büchi Fraction Collector</i>          Unit and Room: <i>Org./Bioorg. Chemistry, 2nd floor, R.322F</i>          Responsible: <i>Prof. W. Bannwarth, M. Sterk</i>          Further information:</p>	
<p>Short Description:</p> <p>2 compact pulsation free 3 piston pumps          gradient pump system          variable UV/VIS-detector          variable chromatography columns          variable by fractions and volumes          2 detector inlets, 2 recorder outlets</p>	<p style="text-align: center;">Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <ul style="list-style-type: none"> <li>-sample collection according to time, volume or peak</li> <li>-total capacity of 12 litres in max. 240 glass tubes</li> <li>-separation via gradients</li> <li>-purification of large amounts (ca. 10 g)</li> </ul>		
<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>R. A. Kramer, M. C. Bröhmer, N. V. Forkel, W. Bannwarth, <i>Eur. J. Org. Chem.</i> 2009, 4273 - 4282          M. C. Bröhmer, W. Bannwarth, <i>Eur. J. Org. Chem.</i> 2008, 26, 4412 - 4415</p>	
<p>Typical problems that may be solved with this instrument:</p>	<p>Separation via automatic gradients can solve separation problems.</p>	