


*Methods, IOC, Breit*

<h2 style="text-align: center;">ReactIR- Spectroscopy</h2>	<p>Model: <i>ReactIR 45M</i>          Unit and Room: <i>Org. Chemistry, 7th floor, R. 707</i>          Responsible: <i>Urs Gellrich</i></p> <p>Further information: <i>www.mt.com</i>  <i>www.breit-group.uni-freiburg.de</i></p>	
<p>Short Description:</p> <p>Online FT-IR spectrometer with self adjusting Michaelson interferometer and spectral resolution of 4 cm<sup>-1</sup>. Time resolved IR with a spectrum obtained max. every 8 seconds.   </p>	<p style="text-align: center;">Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <p>K6 conduit and AgX FiberConduit (9.5 mm x 1,5 m).          DiComp and SiComp probes.          IC IR Software Version 4.0 OfficialVersion</p>		
<p>Special Equipment:</p> <p>Autoclave for measurements under high pressure (up to 60 bar).</p>		
<p>Measurements on the equipment are currently done by:</p>	<p><input type="checkbox"/> Students  <input checked="" 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>Typical problems that may be solved with this instrument:</p>	<p><i>-elucidation of reaction mechanisms</i>  <i>-kinetic experiments</i></p>	