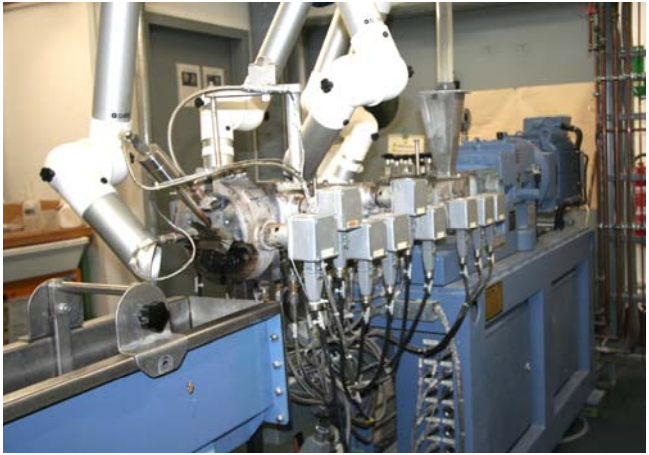


Methods, IMC, Mülhaupt

<p style="text-align: center;">Functional Processing</p> <p style="text-align: center;"><i>Polymer processing, Microcompounding</i></p>	<p>Model: <i>Werner & Pfleiderer ZSK25</i> Unit and Room: <i>FMF, basement</i> Responsible: <i>Uli Mattes, 203 4747</i> Further information: <i>http://www.fmf.uni-freiburg.de/service/servicegruppen/sg_rheol/service/index_html</i></p>	
<p>Short Description:</p> <p>Universal Compounding equipment for small scale polymeric materials and fillers of all kind in wide temperature range (RT to 450 °C)</p>	<p>Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <p>Mixing, Compounding under control of temperature, mixing time and rotary speed.</p>		
<p>Special Equipment:</p> <p>fiber drawing add on.</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>Meincke O, Kaempfer D, Weickmann H, Friedrich CH, Vathauer M, Warth H, Polymer 2004, 45, 739–748</p>	
<p>Typical problems that may be solved with this instrument:</p>	<p><i>-Structure-processing relationships for polymeric materials, including (nano-) composites.</i> <i>-Determination of processibility of matter.</i></p>	