


<b>High Temperature Size Exclusion Chromatography</b>  <i>HTGPC/HTSEC</i>	Model:	Varian PLGPC220
	Unit and Room:	Inst.f.Makro.Mol.Chem., R.-1.010
	Responsible:	Marina Hagios, -1.009
	Further information:	<a href="http://portal.uni-freiburg.de/makro-chemie/zentrein/servicegroup/gpc">http://portal.uni-freiburg.de/makro-chemie/zentrein/servicegroup/gpc</a>
<p>PL High temperature SEC equipped with RI-Detector, Lightscattering and Viskotek 210 Differential Viscometer.</p> <p>3x PLgelOlexis columns.</p> <p>Solvent: 1,2,4-Trichlorobenzene</p> <p>Temperature 150° C</p> <p>Calibrants Polystyrene</p>	Picture of Equipment  	
Available Experiments/Techniques:  High Temperature size exclusion chromatography of polymers in Trichlorobenzene Determination of molar mass distributions by means of calibration with PS Calibrants or by Triple Detection with Lightscattering and Viscometry		
Special Equipment:  Viskotek 210 Differential Viscometer, Precision Detectors Light Scattering Detector		
Measurements on the equipment are currently done by:	Trained scientific service personal	
Recent Publications, where this instrument was important (optional):	PMSE Preprints, 2008 (99): 484	
Typical problems that may be solved with this instrument:	Determination of molar mass distributions, molar mass averages and polydispersity of polymer samples	