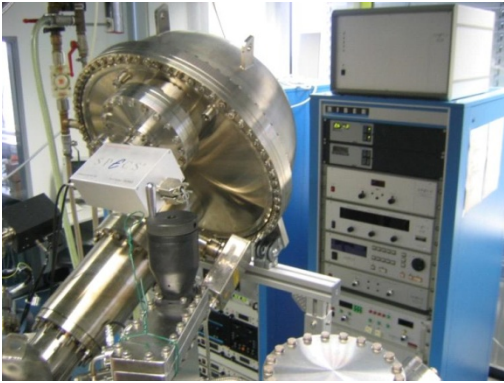


Methods, FMF, Fiederle

<div>ESCA</div> <div>Electron Spectroscopy for Chemical Analysis</div>	<div>Model:</div> <div>Unit and Room:</div> <div>Responsible:</div> <div>Further information:</div>	<div>SPECS: Phoibos 150, XR-50, UVS 10/35; IQP 10/63; FG 15/40; FMF, 4th floor, R. 04035 R. Sorgenfrei, 203 4793 www.fmf.uni-freiburg.de/service/ servicegruppen/sg_matchar/chat/</div>
<div>Short Description:</div> <div>Measurements of core-level photoelectrons and valence-level photoelectrons</div> <div>Available Experiments/Techniques:</div> <div>Excitation with X-ray source (Mg or Al anode) or UV light (He1, He2; He discharge lamp) Sputtering of samples by Penning Ion source up to 5 keV</div>	<div>Picture of the Equipment</div> <div></div>	
<div>Special Equipment:</div> <div>Sputtering of samples by Penning Ion source up to 5 keV</div>		
<div>Measurements on the equipment are currently done by:</div>	<div><input type="checkbox"/> Students</div> <div><input type="checkbox"/> Students after Introduction</div> <div><input checked="" type="checkbox"/> Students after extensive training</div> <div><input checked="" type="checkbox"/> Trained scientific service personal</div>	
<div>Recent Publications, where this instrument was important (optional): Give citation</div>	<div>J. Cryst. Growth 310 (7-9), 2062-2066, 2008</div>	
<div>Typical problems that may be solved with this instrument:</div>	<div><div>- Measurements surface chemistry.</div><div>- Measurements of valence band maxima and work function.</div></div>	