

## *Minor Equipment*

<i>Instrument</i>	<i>Brand and model</i>	<i>Usage</i>	<i>Year</i>	<i>Location</i>
<i>Magnetic separator</i>	Frantz Magnetic Barrier Laboratory Separator, model LB-1	<i>Separation of magnetic grains from material</i>	2014	1674-114
<i>Freezedryer</i>	<i>Alpha 1-4 LSC</i>	<i>To dry samples</i>	2007	1674-132
<i>Sample divider</i>	<i>Fritsch Rotary sample divider, laborette 27</i>	<i>Splitting of powdered samples to ensure homogeneity</i>	1994	1672-040
<i>Hydraulic press</i>	<i>AC Hydraulic, type P40H-R</i>	<i>For crushing large rock samples</i>  <i>Capacity: 40 T</i>	2002	1672-046
<i>Vibratory mill</i>	<i>Retsch RS200</i>	<i>Shatterbox (ring and puck mill type) with tungsten carbide or agate grinding container</i>  <i>Material feed size: &lt; 15 mm, final fineness: &lt; 20 μm</i>	2006	1672-046
<i>Vibratory mill</i>	<i>SPEX 8550 ShatterBox</i>	<i>Shatterbox (ring and puck mill type) with corundum grinding container (alumina ceramic) for low contamination</i>	2021	1672-046
<i>Disc mill</i>	<i>Retsch DM200</i>	<i>Disc material: Steel</i>  <i>Material feed size: &lt; 20 mm, final fineness: &lt; 100 μm</i>	?	1672-047
<i>Polishing</i>	<i>Tegramin-25</i>	<i>For polishing epoxy casts for optical microscopy and laser ablation</i>	2021	1674-236
<i>Laboratory press</i>	<i>54MP5MD Maassen Spektroskopie</i>	<i>Motorized 5T laboratory press for pressing cathodes for AMS</i>	2021	1674-218
<i>Polarization microscopes</i>	<i>Nikon Eclipse 400 and 600</i>	<i>Teaching purposes for rocks and mineral microscopy</i>	2005	-

<i>Centrifuge</i>	<i>Sigma 2-16</i>	<i>Pollen and Biomarker lab</i>	<i>2002</i>	<i>1674-138</i>
<i>Centrifuge</i>	<i>Sigma 2-15</i>	<i>Max. 4000 rounds/minute</i>	<i>1990</i>	<i>1674-138</i>
<i>Centrifuge</i>	<i>Sorvall RC 5C Plus</i>	<i>Max. 11000 rounds/minute) with Sorvall rotor no. 30 (SLA-3000 Superlite)</i>	<i>1998</i>	<i>1672-034</i>
<i>Centrifuge</i>	<i>Thermo SL16</i>	<i>Typically used for experiments or for acid-treating rocks and sediment samples</i>	<i>2015</i>	<i>1674-138</i>
<i>Centrifuge</i>	<i>Thermo SL1</i>	<i>Typically used for experiments or for biomarker samples</i>	<i>2021</i>	<i>1674-234</i>
<i>Centrifuge</i>	<i>ScanSpeed 416</i>	<i>Semi-clean</i>	<i>2015</i>	<i>1674-218</i>
<i>Centrifuge</i>	<i>Thermo Megafuge 8</i>	<i>Cleanlab</i>	<i>2015</i>	<i>1674-217</i>
<i>Digital density meter</i>	<i>Densito, Mettler Toledo</i>	<i>Handheld. Range 0 g/cm<sup>3</sup> – 3 g/cm<sup>3</sup>, accuracy 0.001 g/cm<sup>3</sup>.</i>	<i>2021</i>	<i>1674-138</i>
<i>Stereo microscopes with external light</i>	<i>Nikon 104 and Olympus SZ30</i>	<i>Misc. purposes (e.g. fine gravel determination: 2-4 mm fraction is sorted into stable and unstable groups, and sorting of foraminifers)</i>	<i>1980-2010</i>	<i>1672-240</i>
<i>Spectrophotometer</i>	<i>Minolta CM-2600d</i>	<i>Colour measurement of material (Munsell, RGB etc.), cores and at fieldwork (it's portable and can run on batteries)</i>	<i>2002</i>	<i>1672-236</i>
<i>Wilfley board</i>	<i>Holman-Wilfley 800</i>	<i>Hydraulic gravity table for separation by density</i>	<i>2006</i>	<i>1672-042</i>
<i>Acid resistant vacuum pump</i>	<i>VP SD 820</i>	<i>Preparing samples for TOC</i>	<i>2022</i>	<i>1674-138</i>
<i>UV/VIS spectrophotometer</i>	<i>Agilent Cary 60</i>	<i>Wavelength range of 190-1100 nm, photometric range 4 Abs</i>  <i>Soluble Si or other purposes (Xenon lamp)</i>	<i>2024</i>	<i>1672-242</i>

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