

## GENERAL LAB EQUIPMENT



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| <b>Balance</b>                           | <b>DENVER INSTRUMENT SI-603</b> <ul style="list-style-type: none"> <li>• Weighing capacity: 600g</li> <li>• Readability: 0.001g</li> <li>• Tare Range (subtractive): 600g</li> <li>• Weighing pan size: 115mm</li> <li>• Internal automatic calibration</li> </ul> |
| <b>Deionized water (Type 2)</b>          | <b>Millipore Elix® Essential 3</b> <ul style="list-style-type: none"> <li>• Product flow rate: 3L/h</li> <li>• Resistivity of product water: &gt; 5 MΩ·cm at 25 °C, typically 10 to 15 MΩ·cm</li> <li>• 10L PE reservoir</li> </ul>                                |
| <b>Fume cupboard</b>                     | <b>Burdinola V21-Space ST 1500</b> <ul style="list-style-type: none"> <li>• Work space: 1400x740x620mm</li> <li>• Aspiration velocity: 0.58m/s</li> </ul>  |
| <b>Magnetic stirrer with heating (2)</b> | <b>P SELECTA AGIMATIC E-C</b><br><b>Iseline MS-H-S</b> <ul style="list-style-type: none"> <li>• Stirring power: 10L</li> <li>• Speed: 0-1500 rpm</li> </ul>  |

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|                                     | <ul style="list-style-type: none"> <li>Temperature range: RT-340°C</li> </ul>  |
| <b>Mini centrifuge</b>              | <b>Spectrafuge C1301</b> <ul style="list-style-type: none"> <li>Maximum Speed: 6000 rpm/ 2000x g</li> <li>Capacity: <ul style="list-style-type: none"> <li>6x1.5/2ml, 0.5/0.4ml tubes</li> <li>16x0.2ml strip tubes</li> </ul> </li> </ul> |
| <b>Optic brightfield microscope</b> | <b>Nikon ECLIPSE 50i</b> <ul style="list-style-type: none"> <li>Objectives: <ul style="list-style-type: none"> <li>Plan 4x/0.10</li> <li>Plan 10x/0.25</li> <li>Plan 40x/0.65</li> <li>Plan 100x/1.25</li> </ul> </li> </ul>               |
| <b>Orbital shaker</b>               | <b>Heidolph Titramax 100</b> <ul style="list-style-type: none"> <li>220x220mm , capacity: 4 microtiter plates</li> <li>0-120 min timer/continuous</li> <li>Frequency: 150-1350 rpm</li> <li>Total stroke/orbit: 1.5mm</li> </ul>           |
| <b>Oven</b>                         | <b>JOUAN, INNOVENS 55 EB1</b> <ul style="list-style-type: none"> <li>Capacity: 55L</li> <li>Shelf surface 455x451 mm</li> <li>Range: RT+5°C/75°C in 0.1°C steps</li> </ul>   |
| <b>pH-meter</b>                     | <b>Crison BASIC 20</b> <ul style="list-style-type: none"> <li>pH electrode 5203 (up to pH14)</li> <li>Resolution: 0.01</li> <li>Calibration buffers (at 25°C): pH4.01, pH7.00, pH9.21</li> <li>Magnetic stirrer</li> </ul>                 |
| <b>Pipettes</b>                     | <b>GILSON PIPETMAN® P</b> <ul style="list-style-type: none"> <li>P10: 1-10µl</li> <li>P20: 2-20µl</li> <li>P100: 20-100µl</li> </ul>   |

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|                                       | <ul style="list-style-type: none"> <li>• P1000: 100-1000µl</li> </ul>  |
| <b>Refrigerator</b>                   | <b>DAEWOO electronics ERF-386N</b> <ul style="list-style-type: none"> <li>• Fridge compartment: Temperature: 2-4°C;<br/>Capacity: 205L</li> <li>• Freezer compartment: Temperature: -15°C<br/>Capacity: 85L</li> </ul> |
| <b>Upright Ultra-Low freezers (2)</b> | <b>REVCO ULT1786</b> <ul style="list-style-type: none"> <li>• Temperature -80°C</li> <li>• 4 stainless steel shelves</li> <li>• Maximum capacity: 45kg/Shelf</li> </ul>  |
| <b>Vortex mixer (fixed speed)</b>     | <b>Phoenix instruments RS-VF10</b> <ul style="list-style-type: none"> <li>• Speed: 2500 rpm</li> <li>• Continuous/touch operation</li> </ul>   |