

GENERAL LAB EQUIPMENT



Balance	DENVER INSTRUMENT SI-603 <ul style="list-style-type: none"> • Weighing capacity: 600g • Readability: 0.001g • Tare Range (subtractive): 600g • Weighing pan size: 115mm • Internal automatic calibration
Deionized water (Type 2)	Millipore Elix® Essential 3 <ul style="list-style-type: none"> • Product flow rate: 3L/h • Resistivity of product water: > 5 MΩ·cm at 25 °C, typically 10 to 15 MΩ·cm • 10L PE reservoir
Flake ice maker	Scotsman® AF 80 <ul style="list-style-type: none"> • Max production/24h: 75kg • Bin capacity: 25Kg
Fume cupboard	Burdinola V21-Space ST 1500 <ul style="list-style-type: none"> • Work space: 1400x740x620mm • Aspiration velocity: 0.58m/s

Magnetic stirrer with heating (2)	P SELECTA AGIMATIC E-C Iseline MS-H-S <ul style="list-style-type: none"> • Stirring power: 10L • Speed: 0-1500 rpm • Temperature range: RT-340°C
Mini centrifuge	Spectrafuge C1301 <ul style="list-style-type: none"> • Maximum Speed: 6000 rpm/ 2000x g • Capacity: <ul style="list-style-type: none"> ○ 6x1.5/2ml, 0.5/0.4ml tubes ○ 16x0.2ml strip tubes
Optic brightfield microscope	Nikon ECLIPSE 50i <ul style="list-style-type: none"> • Objectives: <ul style="list-style-type: none"> ○ Plan 4x/0.10 ○ Plan 10x/0.25 ○ Plan 40x/0.65 ○ Plan 100x/1.25
Orbital shaker	Heidolph Titramax 100 <ul style="list-style-type: none"> • 220x220mm , capacity: 4 microtiter plates • 0-120 min timer/continuous • Frequency: 150-1350 rpm • Total stroke/orbit: 1.5mm
Oven	JOUAN, INNOVENS 55 EB1 <ul style="list-style-type: none"> • Capacity: 55L • Shelf surface 455x451 mm • Range: RT+5°C/75°C in 0.1°C steps
pH-meter	Crison BASIC 20 <ul style="list-style-type: none"> • pH electrode 5203 (up to pH14) • Resolution: 0.01 • Calibration buffers (at 25°C): pH4.01, pH7.00, pH9.21 • Magnetic stirrer

Pipettes	GILSON PIPETMAN® P <ul style="list-style-type: none"> • P10: 1-10µl • P20: 2-20µl • P100: 20-100µl • P1000: 100-1000µl
Refrigerator	DAEWOO electronics ERF-386N <ul style="list-style-type: none"> • Fridge compartment: Temperature: 2-4°C; Capacity: 205L • Freezer compartment: Temperature: -15°C Capacity: 85L
Upright Ultra-Low freezers (2)	REVCO ULT1786 <ul style="list-style-type: none"> • Temperature -80°C • 4 stainless steel shelves • Maximum capacity: 45kg/Shelf
Vortex mixer (fixed speed)	Phoenix instruments RS-VF10 <ul style="list-style-type: none"> • Speed: 2500 rpm • Continuous/touch operation