

Group	Item	Supplier/manufacturer	Model / details	Quantity
Hydraulic system				
	Mesocosms	home made	1000 L fiber glass	12
	Seawater pump	NPS, BradFord, UK	Albatros F13T	1
	PVC-U tubing and fittings		20mm, 32mm & 50mm diameter	—
	Insulated flexible hose		19mm diameter	100 m
Sensors				
	Conductivity / temperature	Aqualabo, Champigny sur Marne, France	PC4E	12
	Oxygen	Aqualabo, Champigny sur Marne, France	PODOC	12
	Pressure	Siemens, Munich, Germany	7MF1567-3BE00- 1AA1	3
	Flow rate	IFM, Essen, Germany	SV3150	12
Actuators				
	Pressure regulation valves	BELIMO, Hinwil, Switzerland	R2025-10-S2 with LR24A-SR motor	3
	Temperature regulation valves	BELIMO, Hinwil, Switzerland	R3015-10-S2 with LR24A-SR motor	12
	Salinity regulation valves	BELIMO, Hinwil, Switzerland	R2015-10-S2 with LR24A-SR motor	6
Automation cabinet				
	Cabinet	Fibox, Espoo, Finland	FIB8120017N	1
	Security switch	KRAUS-NAIMER, Karlsruhe, germany	KNA002245	1

12 vdc power supply	TDK Lambda, New York, USA	LAMDRL30-12-1	1
24vdc power supply	TDK Lambda, New York, USA	LAMDRB240-24-1	1
PLC	Industrial Shields, Barcelona, Spain	Mduino-42+	4
Ethernet switch	HIRSCHMANN- INET, Neckartenzlingen, Germany	HIR942132002	1