

Field Devices of the Department Surface Waters

Field Devices	Contact	Application description
ADCP Aquapro HR 2 MHz (Nortek)	Michael Plüss	Acoustic Doppler Current Profiler
ADCP Aquapro HR Sidelooking 2 MHz (Nortek)	Michael Plüss	Acoustic Doppler Current Profiler
ADCP RDI River Ray (Teledyne)	Christian Dinkel	
ADCP Signature 1000 (Nortek)	Michael Plüss	Acoustic Doppler Current Profiler
ADCP WHS1200 1200kHz (Teledyne)	Michael Plüss	Acoustic Doppler Current Profiler
ADCP WHS300 300kHz (Teledyne)	Michael Plüss	Acoustic Doppler Current Profiler
ADCP WHS600 600kHz (Teledyne)	Michael Plüss	Acoustic Doppler Current Profiler
ADV AQD2447 (Nortek)	Michael Plüss	Acoustiv Doppler Velocity
Conductivity Logger U24-001 (Onset HOBO)	Michael Plüss	
Core cutter radial (Rothenberger no.7.0031)	Patrick Kathriner	
Corer 63mm Alu Finnen "Teercorer" (Eawag)	Patrick Kathriner	
Corer 63mm Metallfinnen (Eawag)	Patrick Kathriner	
Corer Fieldwork Box (Eawag)	Patrick Kathriner	
Corer ø 14cm (Uwitec)	Patrick Kathriner	
Corer Standard (Uwitec)	Patrick Kathriner	
Corer Weight (Eawag)	Patrick Kathriner	
CT XR-420 (RBR)	Michael Plüss	CT logger
CTD with syringe sampler (Self-build/RBR)	Christian Dinkel	
CTD 60M (Sea & Sun)	Michael Plüss	CTD (DO, Tu, pH)
CTD RBR concerto (RBR)	Michael Plüss	CTD
CTD RBR concerto DO, Tu (RBR)	Michael Plüss	CTD (DO, Tu)
CTD RBR concerto ODO (RBR)	Michael Plüss	CTD (optical DO)
CTD SBE19 plus (Seabird)	Michael Plüss	CTD (DO, Tu, pH, Fl)
CTD XR420 (RBR)	Michael Plüss	CTD
Cyclops-7 Logger (PME)	Michael Plüss	Logger for various sensors
Dosimat (Metrohm)	Christian Dinkel	
Echo sounder CH3 bubble sonar (Simrad)	Christian Dinkel	
Echo sounder HDS 5X (Lowrance)	Anita Schlatter	
Electronic Lab Faciltites	Christian Dinkel	
EXO2 Sonde	Christian Dinkel	
FerryBox Online multi with modem (Self-build/Zbrain)	Christian Dinkel	
Fluorescein sensors for Cylops-7	Michael Plüss	
Funnels CH4 bubble (Self-build)	Christian Dinkel	
Gas Analyzer portable (Los Gatos Research)	Christian Dinkel	
Gasflow MBS-20SLPM-D/5V (Nantec)	Martin Schmid	
GPS Garmin 76CX	Anita Schlatter	
GPS Garmin 78S	Anita Schlatter	
Haspel (Uwitec)	Patrick Kathriner	
Lander - LOUIS Sediment Profiler with O2 (Self-built/KC-Denmark/Pyroscience)	Christian Dinkel	
Lifejackets 275N (Marina Pool)	Patrick Kathriner	
Ligh/Temperature Logger UA-002-64 (Onset HOBO)	Michael Plüss	
Meteorological Station ClimaVue50 (Campbell Scientific)	Michael Plüss	T, H, P, Wind speed & direction, SIR
Meteorological Station MET300 (Campbell Scientific)	Michael Plüss	T, H, P, Wind speed & direction
Metrohm 704 / 826 (Field)	Patrick Kathriner	
MicroCTD (Rockland Scientific)	Michael Plüss	Microstructure CTD
Micropod	Michael Plüss	Turbulence measurement
Multi with pH, cond., t, depth, DO, Tm (WTW)	Patrick Kathriner	
Multicorer 6er-Modell (Uwitec)	Patrick Kathriner	
Oxygen logger MiniDOT (PME)	Michael Plüss	
PAR Logger (RBR)	Michael Plüss	
Peristaltic Pump 7518-10 (Ismatec)	Karin Beck	
pH-Meter (Metrohm)	Christian Dinkel	
pH-Meter 704 (Metrohm)	Patrick Kathriner	
pH-Meter 826 (Metrohm)	Patrick Kathriner	
Plankton net 150µm Einfachnetz (Eawag)	Patrick Kathriner	
Plankton net 30µm Einfachnetz (Eawag)	Patrick Kathriner	
Plankton net 95µm Doppelnetz (Eawag)	Patrick Kathriner	

Pressure Logger U20L-02 (Onset HOBO)	Michael Plüss	
Pump UG2A-18/UGM4-0.75kW (Lechner)	Martin Schmid	
Schröder bottel (Züllig)	Patrick Kathriner	
Sediment Trap	Anita Schlatter	
Temp/Depth Logger RBR duet T.D (RBR)	Michael Plüss	
Temp/Depth Logger RBR duet T.D rt (RBR)	Michael Plüss	
Temp/Depth Logger RBR duo T.D (RBR)	Michael Plüss	
Temp/Depth Logger TDR-2050 (RBR)	Michael Plüss	
Temp/Oxygen Logger TDO-2050 (RBR)	Michael Plüss	
Temperature Logger solo T (RBR)	Michael Plüss	
Temperature Logger TR-1050 (RBR)	Michael Plüss	
Temperature Logger TR-1050F (RBR)	Michael Plüss	
Temperature Logger TR-1060 (RBR)	Michael Plüss	
Temperature Minilog-II-T (Vemco)	Michael Plüss	
Temperature module MicroPod-T (Rockland Scientific)	Michael Plüss	
Thermistors FP07-B-1000 (Rockland Scientific)	Michael Plüss	
Turbidity sensor for Cyclops-7 (PME)	Michael Plüss	
VMP Vertical Microstructure Probe (Rockland Scientific)	Michael Plüss	Turbulence Profiler
Voltametric VIP Probe (Idronaut)	Christian Dinkel	