

Rental

For all survey needs

Deliverables

- Hydrographic equipment
- Geological analysis equipment
- Processing software

Stema Systems has been renting out equipment of the highest quality for the past many years, supporting the hydrographic and geological survey industries with equipment as well as its wide knowledge base, not only supplying equipment but also providing advice and installation assistance when needed.

During this period of time Stema Systems has been able to assemble what it believes to be **the best product range** that suits its customers' needs based on its own experience and requirements.

Stema Systems can through its flexible and its **wide network of equipment suppliers** provide **specialist equipment** not listed below for almost every water based survey need. Therefore please enquire if the equipment that you would require is not listed and Stema Systems will do its utmost to endeavour to locate it for you.



Selection of Stema suppliers.

Key features

- Major suppliers portfolio
- Large stock
- Customizable packages

Equipment

Echosounders Multibeam

- R2Sonic 2024 MB 100m depth rating [add-on options available](#)
- R2Sonic 2024 MB 3000m depth rating
- R2Sonic 2022 MB 100m depth rating
- R2Sonic 2024 MB Truepix / Snippets, UHR (700kHz) [add-on only](#)

Profiler

- Teledyne Odom MK III dual frequency transceiver (Paper chart) [incl Stema Systems USB-A/D Card](#)
- Stema Systems Silas EBP
- Transducer: 3-7 kHz dual transducer array
- Transducer: 3-7 kHz quad transducer array
- Transducer: 10-14 kHz
- Transducer: 24 kHz - 210 kHz
- Transducer: 210 kHz

Geotechnical

- Stema Systems RheoTune [incl software license and tools](#)
- Stema Systems Winch, automated instrument winch [incl sheave block](#)

Motion/Gyro sensors

- IXblue Phins II motion sensor, inertial navigation
- IXblue Octans G4 Surface motion sensor/gyro
- IXblue Octans G4 3000 motion sensor/gyro
- IXblue ROVINS 3000m inertial navigation
- R2Sonic I2NS (OEM applanix wavemaster) [only in combination with R2Sonic MB](#)

GNSS Positioning and heading

- Stema Systems GNSS982H RTK including heading (50Hz), Rover

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Equipment

Soundvelocity sensors

- Valeport miniSVS continuous soundvelocity probe
incl 25 m cable
- AML Micro X SVS including 25m cable
- AML Base X SVP selflogging soundvelocity profiler
incl WiFi
- AML Base X 2 SVP selflogging soundvelocity profiler
incl WiFi

Side scanning sonars

- Klein 3900 SSS
incl interface box and 50m softtowcable

ROV

- Saab Sea-eye Falcon ROV (300m depth rated)
- McCartney Nexus MK IV MUX subsea and surface unit

USBL

- Kongsberg HiPap 350P USBL system
- Kongsberg HiPap Cnode mini Transponder
incl charger



Stema EBP Sub-bottom profiler system is available for rent.

Laserscanner

- Riegl VZ400 laserscanner

Boomer/sparker

- Applied Acoustics CSP-D 700 kJ energy source
- Applied Acoustics Boomer AA201 (50-200 J) in sledge,
50 m cable
- Applied Acoustics Sparker Squid 501 (300-600 J),
50 m cable
- Applied Acoustics 12 element streamer, 50 m cable
- Geo Acoustics GeoPulse Receiver (amplification, analog filtering, trigger, output to thermal printer)

Magnetometers

- Marine Magnetics SeaSpy magnetometer (300m)
incl 100 m softtow and isolation transceiver
- Marine Magnetics Explorer mini magnetometer (300m)
incl 100 m softtowcable and power isolator
- Geo Metrics Gradiometer

Environmental (ADCP)

- SeaProfiler ADCP 600 kHz, 300 m depthrating, direct reading

Software Packages

- QINSy Survey LITE incl multibeam add-on
- Silas acquisition per license (seismic data acquisition)
- Silas processing per license (seismic data interpretation)
- RheoTune software suite per license
(data acquisition, validation and calibration)

Computer Hardware

- Industrial Silas PC incl one LCD 22"
- Stema Systems USB-A/D Card

Related products

Silas	Geo Consulting
EBP	Winch
RheoTune	Survey Vessel
Object detection	