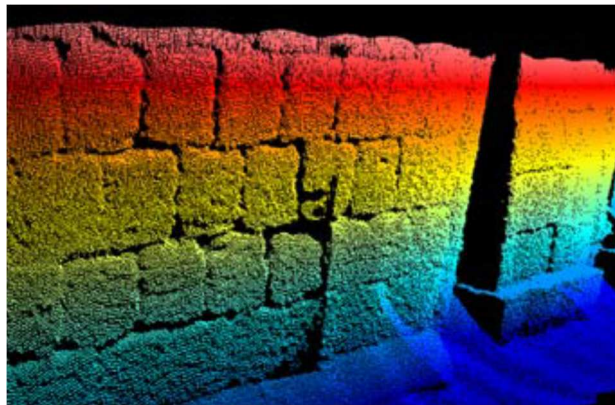
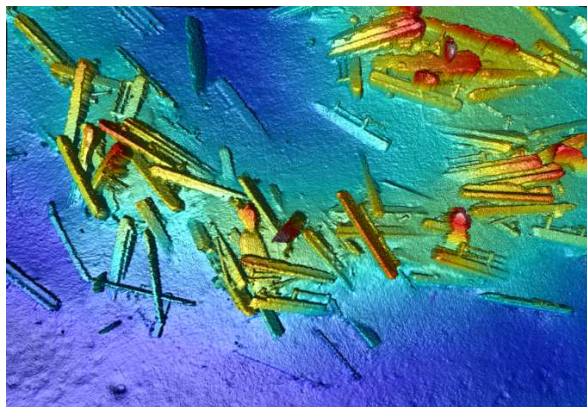


RENTAL POOL

Sensors & systems list



Underwater dock inspection – 400 KHz



High resolution bathymetry– 700 KHz

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1. Introduction

All equipments and software listed below are located in France and are the property of Cadden.

If you require a solution which is not listed, or not available at the date, don't hesitate to contact us. Our worldwide partners network offers additional sensors and systems (ROV, drone...).

Cadden provides training sessions for sensors and systems listed below, and provides a free-of-charge technical support during the rental period.

Your Cadden sales contact:	Mme Joséphine DANDEC
Office phone:	+33 (0)2 51 82 39 40
Mobile phone:	+33 (0)7 62 84 39 91
Email:	j.dandec@cadden.fr

2. GNSS receivers

- SP90m, Spectra Precision
- SP60, Spectra Precision
- ProMark 200 / MobileMapper 100, Spectra Precision
- A101, Hemisphere GNSS
- BX982, Trimble
- G-Nav, Cadden (INS embedded)

Our receivers can be provided with UHF modems and/or GSM modems.

3. GNSS heading receivers

- ProFlex Lite Duo, Spectra Précision
- VS330, Hemisphere GNSS
- SP90m, Spectra Precision
- BX982, Trimble
- PPU, Cadden
- PPU RTK, Cadden
- G-Nav, Cadden (INS embedded)

Our receivers can be provided with UHF modems and/or GSM modems.

4. Inertial motion sensors

- Phins, Ixblue (export licence mandatory outside EU)
- Lodestar, Sonardyne (export licence mandatory outside EU)
- Octans IV, Ixblue (export licence mandatory outside EU)
- Bluenaute, Safran
- Ekinox-D, SBG Systems
- Ekinox-2U, SBG Systems
- SMC 108, Ship Motion
- Ellipse-N, SBG Systems
- MTi-30, Xsens
- MTi-G-700, Xsens

5. Lidar 2D – Lidar 3D

- Dynascan M150, Renishaw (export licence mandatory outside EU)
- Merlin, Renishaw
- VLP-16, Velodyne Lidar

6. Multibeam echosounder - MBES

- Sonic 2024, R2Sonic (700KHz UHR available)
- Sonic 2022, R2Sonic (700KHz UHR available)
- Sonic 2020, R2Sonic
- Seabeam 1180-1185, Elac Wartsila
- Seabeam 1050-1050D, Elac Wartsila

Available as a complete acquisition system: echosounder + INS + GNSS + CTD/SVP + software.

7. Singlebeam echosounder - SBES

- BALI, Cadden
- BALI RTK, single and dual frequency echosounder, adden
- 1612 dual frequency echosounder, Knudsen
- DT-X , Biosonics (Biomasse calculation & bottom classification included).

8. Side scan sonar – Acoustic camera

- Klein 3000, Klein Marine Systems
- Klein 4900, Klein Marine Systems
- Echoscope dual-frequency, Coda Octopus (export license mandatory outside EU)

9. Sub-bottom profiler

- SBP 3000, Klein Marine Systems (Klein 3000 side scan sonar included)
- Pinger, Knudsen (3,5KHz – 15KHz – 200KHz)
- Stratabox, SyQwest (3,5KHz and/or 10KHz)

10. USBL

- Mini Ranger 2, Sonardyne

11. Magnetometers

- Seaspy 1000m, Marine Magnetics
- Gradiomètre 2D Seaspy 1000m, Marine Magnetics

12. Winch

- CSW7 Electrical winch, AGO
- T-count cable counter system, STR Subsea

13. Software

- QINSy, QPS (Inshore, Lite & Survey + add-on MBES, SSS)
- Qloud, QPS
- Qimera, QPS
- Qastor, QPS
- Hypack Max / Hysweep, Hypack
- CODA Geosurvey, Coda Octopus

14. Sound Velocity probe (CTD – SVP – SVS)

- CTD48, Sea and Sun Technology
- CTD48M, Sea and Sun Technology
- Mini-SVS, Valeport
- Mini-SVP, Valeport
- Base-X SVP, AML Oceanographics

15. DVL

- NavQuest 600P Micro, LinkQuest