



LEASE RATES: OCEANOGRAPHIC EQUIPMENT

Note: Rates are in \$Cdn (a 10% discount will be applied if payment is in \$US); Replacement values are in \$US. Rates are FOB Victoria, BC, Canada. Day rates reduce by 20% after 30, 90 & 180 days.

INSTRUMENT	LEASE RATES \$Cdn	SETUP / MOB \$Cdn	Approx. VALUE for Ins. Purposes \$US	# Avail. (call)
	Per Day	One Time	\$US	
RECORDING CURRENT METERS				
Single Point Current Meters				
TELEDYNE RDI Doppler Volume Sampler (DVS) 750. Five bin short-range profiler. TRDI's version of a 'single point' Doppler current meter. With high-resolution Seabird temperature sensor. Max depth 750 m. (photo)	\$65	\$250*	\$15,000	1
TELEDYNE RDI Doppler Volume Sampler (DVS) 6000. Five bin short-range profiler. TRDI's version of a 'single point' Doppler current meter. Standard temperature sensor. Max depth 6000 m. (photo)	\$75	\$250*	\$17,000	5
Nortek Aquadopp , 2 MHz 3D Doppler current meter, with temperature & pressure (0-200 m). 2 MB memory. With stainless mooring cage, swivel and vane. (photo)	\$35	\$250* ¹	\$9,000	2
Nortek 10 MHz 3D Vectrino , measures flow in small volume, at rates up to 25 Hz. Real-time only via 50 m cable. Upgradeable for turbulence measurements. (photo)	\$45	\$250 ²	\$10,000	1
Sensordata SD-30 rotor/vane current meter, with temperature. Stores up to 30 readings; magnetically-activated LCD readout (no computer required). (photo)	\$20	\$200*	\$5,000	1
JDC Electronics Flowatch FL-K1 stream flow meter; handheld rod w/ impeller, LCD readout. (photo)	\$5	\$100	\$750	1
Profiling Current Meters				
TELEDYNE RDI 75 kHz 'LongRanger' ADCP ; 2000 m pressure sensor; 4 alkaline battery packs; typical profile range to 500-600 m. Both DR and SC cases. (photo)	\$230	\$200 Batts. \$240 ea extra if req'd	\$55,000	6
TELEDYNE RDI 150 kHz WH Sentinel 'Quartermaster' ADCP either moored or vessel-mounted (BT/Transect); 2000 m pressure sensor; 4 alkaline battery packs; typical profile range to 200-350 m. (photo)	\$180	\$200 Batts. \$240 ea extra if req'd	\$42,000	6

* battery included

¹ Add \$120 for shipments to the US to cover duty.

² Add \$150 for shipments to the US to cover duty.

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TELEDYNE RDI 300 kHz WH Sentinel ADCP either moored or vessel-mounted (Transect); typical profile range to 100 m, bottom-track to 200 m; directional wave capable.	\$125	\$150 Batt. \$240 extra if req'd	\$31,000	14
TELEDYNE RDI 600 kHz WH Sentinel ADCP either moored or vessel-mounted (BT/Transect); typical profile range to 50 m, bottom-track to 100 m; directional wave capable.	\$115	\$150 Batt. \$240 extra if req'd	\$28,000	12
TELEDYNE RDI 1200 kHz WH Sentinel ADCP “ZedHed” (very small blanking, and bins as small as 1cm) with Mode 11. Either moored or vessel-mounted (BT/Transect) mode; typical profile range 20 m, bottom-track to 30 m; directional wave capable.	\$100	\$150 Batt. \$240 extra if req'd	\$24,000	2
TELEDYNE RDI V20 Sentinel ADCP. Typical profile range 20 m; directional wave capable. 5 beams. 500 watt hour battery pack. (photo) Additional \$15/day for Velocity software if required.	\$90	\$450* Add'l batt. \$250 extra if req'd	\$21,000	1
TELEDYNE RDI V50 Sentinel ADCP. Typical profile range 50 m; directional wave capable. 5 beams. 500 watt hour battery pack. (photo) Additional \$15/day for Velocity software if required.	\$105	\$450* Add'l batt. \$250 extra if req'd	\$22,250	1
TELEDYNE RDI 2000 kHz StreamPro ADCP With boat/float, compass, iPAQ Pocket_PC, Bluetooth wireless, extended 6 m profiling range, WinRiverII & Section-by-Section software. (photo)	\$85	\$150	\$20,000	1
TELEDYNE RDI RiverRay ADCP (600 kHz phased array). For Transects in 0.4-40 m water depths. Upgraded compass. Garmin 17xHVS GPS w/ WAAS (± 3m). Comes with trimaran boat and Software. (photo)	\$120	\$225	\$28,000	1
Ancillary Equipment				
External Battery case for TELEDYNE RDI ADCP (includes two WH battery packs & Y-cable).	\$15	\$500*	\$3,000	19
External Battery Case for TELEDYNE RDI Sentinel V ADCP (includes two WH battery packs & cable).	\$15	\$550*	\$3,500	1
External Battery with housing for TELEDYNE RDI ADCP LongRanger or QM (includes four battery packs & Y-cable).	\$40	\$750*	\$9,000	1
Mooring cage for ADCP or Ice Profiling Sonar (Dual cage). Holds up to 8 Viny floats. (photo) Syntactic floats available for deep water applications.	\$25	\$200	\$6,000	6
OceanScience Barnacle trawl-resistant bottom mount, with gimbal for Teledyne RDI WHADCP. (photo)	\$30	\$150	\$7,500	1
External Battery for Nortek ADCP (540 W-Hr).	\$8	\$300*	\$1,500	1
Gimbaled Bottom Mount for ADCP, etc (ASL-GBM). (photo)	\$25	\$150	\$6,000	2
Non-gimbaled Bottom Mount (3 ft) (for ADCP, etc). (photo)	\$20	\$150	\$4,500	4

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Non-gimbaled Bottom Mount (5 ft 'LowPro5') (for ADCP, etc). (photo)	\$30	\$250	\$7,500	4
Non-gimbaled Bottom Mount (7'x9' ft); for ADCP, IPS, with space for MSI release activated pop-up (not included).	\$50	\$250	\$12,000	4
Aluminum Bracket (boat mount for use with Direct-Reading mode ADCP).	\$7	\$150	\$1,500	2
25 m ADCP cable w/ 48 VDC power supply for real-time.	\$5	\$100	\$1,000	4
100 m ADCP cable w/ RS422-RS232 converter and 48 VDC power supply for real-time.	\$6	\$100	\$1,500	2
WAVE & TIDE GAUGES (Non ADCP)				
ASL 420 kHz Wave Sonar ; 150 m range. Uses acoustic range to surface for direct measurement of water level/wave height. 2-month battery pack included. (photo)	\$120	\$550*	\$28,000	call
RBR Ltd. Virtuoso Wave & Tide gauge , large battery capacity, 1-6 Hz sampling, 25 m range. (photo)	\$20	\$275*	\$3,500	1
RBR Ltd. XR-420TG Tide gauge , 90 m working depth. Averaging for wave removal. Comes with temperature sensor.	\$10	\$275*	\$1,600	2
RBR Ltd. TGR-1050P Tide gauge , 20 or 50 m working depth. Averaging.	\$10	\$275*	\$1,600	6
RBR Ltd. DR-1050 Submersible pressure gauge ; 0-90 m range. [no averaging]	\$8	\$275*	\$1,600	1
ACOUSTIC RELEASES & DECK BOXES				
EdgeTech Model AMD200R acoustic deck unit for use with CART, PORT & 8242XS acoustic releases (range & orientation capable). (photo)	\$35	\$150	\$6,750	4
EdgeTech PACS acoustic deck unit for use with CART, PORT & 8242XS acoustic releases (range & orientation capable). 20 m cable. (photo)	\$35	\$150	\$6,750	1
EdgeTech Model 8011M acoustic deck unit for use with CART, PORT & 8242XS acoustic releases (range & orientation capable). (photo)	\$70	\$150	\$17,000	1
EdgeTech CART acoustic releases ; can be used in tandem. Requires AMD200R or 8011 deck box. (photo)	\$25	\$350*	\$6,500	12
EdgeTech PORT LF acoustic release ; can be used in tandem. Requires AMD200R or 8011 deck box. (photo)	\$25	\$350*	\$6,500	13
EdgeTech Tandem assembly for PORT or CART releases. (photo)	\$5	\$250	\$1,225	call
Pop-up rope canister & Viny float for EdgeTech acoustic release. Various rope lengths available. (photo)	\$10	\$250	\$1,500	4

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ACOUSTIC PINGERS, TRANSPONDERS & DECK BOXES				
Benthos/Datasonics acoustic transponder, UAT-376EL.	\$15	\$150*	\$2,100	3
Benthos/Datasonics transponder interrogator DRI-267A; provides range & bearing; diver or surface readout (via cable to ACU-266 or RuggedReader - extra) (photo)	\$30	\$150	\$8,000	2
Benthos transponder receiver deck box ACU-266	\$30	\$75	\$8,500	1
RuggedReader Mobile Pocket PC	\$5	\$75	\$2,500	1
Benthos acoustic pinger ALP364A/EL, 27 kHz, 0.125W. (photo)	\$10	\$150*	\$1,500	9
Benthos acoustic pinger ALP364A/EL, 37 kHz, 0.125W	\$10	\$150*	\$1,500	1
Benthos pinger receiver DPL-275XS for surface or diver use. 5-80 kHz range. (photo)	\$30	\$150	\$7,500	1
JW Fishers SFP1 acoustic pingers. 32 kHz (photo)	\$7	\$200	\$750	2
RJE Int'l PRS-275 pinger receiver for surface or diver use. 5-80 kHz range. (photo)	\$25	\$150	\$5,500	1
Sonotronics ManTrack pinger receiver with omni- and directional-hydrophones. 27-100 kHz. (photo)	\$20	\$150	\$3,800	2
Oceanetics Measurement Ltd. pinger receiver. 27, 37 & 45 kHz settings. Omni-directional hydrophone. (photo)	\$20	\$150	\$5,500	2
Sonotronics EMT03AR Tilt-Pingers, 37kHz; ping rate switches from 1- to 2-Hz when tilt exceeds 15 degrees. Requires pinger receiver. (photo)	\$10	\$100	\$750	14
WATER QUALITY (Temperature, Salinity, Pressure, Dissolved Oxygen, Turbidity, Chlorophyll)				
RBR Ltd. XR-620 CTD. (740 m max) with optical 4330 Optode Dissolved Oxygen (6 sec response), Seapoint Turbidity & Fluorometer. (photo)	\$100	\$350*	\$23,000	1
RBR Ltd. XR-420 CTD+Optode DO. (300 m max) with optical 3835 Optode Dissolved Oxygen (25 sec response). (photo)	\$55	\$275*	\$11,000	1
RBR Ltd. XR-420 CTD. Light and compact. (photo)	\$30	\$200*	\$5,250	7
RBR Ltd. Concerto CTD. Light and compact.	\$35	\$200*	\$5,900	call
RBR Ltd. XR-420 CTD+Tu. (250 m max) With Seapoint turbidity sensor.	\$40	\$275*	\$9,900	1
RBR Ltd. Concerto CTD+Tu. (740 m max) With Seapoint turbidity sensor.	\$45	\$275*	\$9,900	2
RBR Ltd. Concerto CTD w/ Paros Pressure (700 m).	\$75	\$275*	\$18,250	3

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RBR Ltd. Concerto CTD+Rinko DO. Fast thermistor; 6 Hz sampling.	\$70	\$275*	\$14,400	3
RBR Ltd. Concerto CTD. Fast 6Hz; Twist On/Off; Wi-Fi	\$40	\$250*	\$8,150	1
RBR TR1050P Temperature Loggers.	\$5	\$150	\$1,350	20
RBR SOLO-T Temperature Loggers.	\$5	\$150	\$800	9
SeaBird 37SM(P) CTD.	\$35	\$250*	\$7,100	3
JFE Advantech Alec Compact CLW-USB logger, w/ Chlorophyll, turbidity & temperature. (250 m max) With wiper. (photo)	\$35	\$250* ³	\$8,140	8
JFE Advantech Alec AROW2-USB Rinko DO logger, w/ temperature. With wiper.	\$25	\$250* ⁴	\$5,000	4
Campbell Scientific - D&A Instrument Co. OBS-3A Turbidity Sensor; self-contained for moored or profiling; w/ pressure. [s/n125, 0-2000 NTU, 0-40 m] [s/n126, 0-1000 NTU, 0-90 m] [s/n180, 0-1000 NTU, 0-190 m] 25 & 30 m cables available (call). (photo)	\$30	\$250*	\$7,500	3
SONAR (Scanning, Ice Profiling)				
ASL Ice Profiling Sonar IPS-5. 420 kHz, measures ice draft at 1-2 Hz sampling for periods up to 9 months. (photo)	\$125	\$1300*	\$32,600	10
ASL Shallow Water Ice Profiler SWIPS. Internal battery. Typically 20 m range. (photo)	\$75	\$600*	\$18,000	1
ASL Acoustic Zooplankton Fish Profiler AZFP. Four frequency options include: 125-200-455-769 and 38-125-22-455 kHz.	\$180	\$1300*	\$47,000	1
Imagenex 881A scanning sonar; real time or with custom IRIS data logger (below). Variable frequency (310 kHz to 1 MHz) and gain settings. Switchable RS232 or RS485 (for ROV's). (photo)	\$40	\$250	\$10,000	1
ASL IRIS Data Logger for Imagenex 881A Sonar (above). Stores files in raw Imagenex format. Operating software allows multiple/burst scans. (photo)	\$70	\$1,150*	\$16,500	1
SUBSURFACE FLOTATION, MARKER BUOYS				
OpenSeas SubsA2 (low-drag torpedo w/ two 12B3 Viny floats). Standard configuration is to hold a TELEDYNE RDI WH ADCP. (photo)	\$20	\$140	\$3,500	6
OpenSeas SubsB3 (low-drag torpedo w/ three 12B3 Viny floats).	\$15	\$140	\$2,750	5

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MSI Ellipsoid Buoy EB-F-P5 for WH ADCP. Low drag. Holds WH ADCP. (photo)	\$10	\$200	\$1,250	3
Nautilus Vitronex 17" Glass Float, with hardhat & Eddy Grip; 57 lb net buoyancy, 6700 m.	\$10	\$100	\$1,000	3
Benthos 17" Glass Float w/hardhat, 48 lb buoyancy, 6700 m.	\$10	\$100	\$1,000	1
Viny Float, 12B3, 20 kg buoyancy, 200 m. (photo)	\$3	\$50	\$250	lots
Flotation Technologies M40. For ADCP. Syntactic foam, 1500 m rated, 418 lb net buoyancy. (photo)	\$50	\$200	\$12,000	7
Flotation Technologies CF-12HD bolt-on cable float. Syntactic foam, 1500 m rated, 6 lb net buoyancy. (photo)	\$5	\$100	\$700	6
NAVIGATION, GPS, ECHOSOUNDER				
Garmin 525S GPS with dual frequency echo sounder (50, 200 kHz). GPS is WAAS enabled for differential corrections. Serial output of lat, long and depth. (photo)	\$15	\$150	\$1,750	1
Furuno satellite compass SC-30. Great for the arctic or anywhere a regular compass is unreliable. NMEA output. With RD33 digital display. (photo)	\$20	\$200	\$3,750	2
Pentax PTX-PRO Differential GPS, w/ Ashtech G12 GPS board.	\$15	\$200	\$2,400	1
KVH Digital Compass self-calibrating, c/w display & RS-232 output.	\$10	\$200	\$1,200	1
SATELLITE BEACONS, VHF & FLASHERS				
Novatech AS900A ARGOS satellite beacon. Transmits location via satellite when mooring on surface. Extra charge for transmissions. (photo)	\$20	\$250	\$4,000	9
XEOS Kilo Iridium beacon. (satellite usage costs extra)	\$20	\$250	\$3,000	5
XEOS XMi-11k Iridium beacon. 11,000 m rated. (satellite usage costs extra)	\$20	\$250	\$3,500	1
Metocean Data Systems RF700C6 RF Beacons. RF transmission and flashing light when on surface. (photo)	\$15	\$200	\$2,500	6
DF500N hand-held direction finding receiver. (photo)	\$10	\$200	\$2,000	1
OTHER FIELD & SAMPLING EQUIPMENT				
ASD FieldSpec HandHeld2 spectrometer (325-1075 nm). Field spectro-radiometer for collecting spectral measurements in the field. (photo)	\$60	\$200	\$15,000	1
Brooke Ocean Technology BOT-Wing type 970 with mounting bracket for TRDI Sentinel ADCP or RBR XR-620 CTD with DO, Chl-a and turbidity. (photo)	\$90	\$450	\$24,000	1

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FTS weather station. Self-contained; 10 m mast, with wind speed & direction, temperature, humidity, solar panel/battery. (photo)	\$40	\$250	\$9,500	1
Niskin bottle. General Oceanics Model 1010, 2.5 liter. (photo)	\$10	\$150	\$500	6
Ponar Grab Sampler “petite”, small. 6”x6” all stainless.	\$7.50	\$150	\$1,700	1
Ponar Grab Sampler, large. 9”x9” all stainless.	\$10	\$150	\$2,500	1
Kahl Scientific meter wheel. For ¼” wire rope. 6” or 12” With counter.	\$5	\$100	\$800	1
Jeamar capstan; 220 VAC.	\$25	\$300	\$5,900	1

* battery included

MINIMUM LEASE AMOUNT (incl. rental, set-up and direct expenses): \$350.00

TERMS AND CONDITIONS:

- (1) Applicable taxes are extra.
- (2) Set-up charges include first set of expendable items, except as noted.
- (3) Insurance coverage is the responsibility of the Lessee. Replacement values are nominal \$US; call for most recent values.
- (4) Rates are FOB ASL Environmental Sciences, Victoria, BC, Canada. Overdue accounts will be charged interest at 1% per month, compounded.
- (5) A standard lease contract must be signed prior to shipment.
- (6) Payment in advance is required for set-up and first month lease costs (credit card may be acceptable in lieu).
- (7) Related direct expenses (e.g. freight, insurance) are billed at cost plus 10% handling charge.
- (8) Prices and equipment availability are subject to review and change; please call for quotation and equipment availability before placing order.

We Accept Payment by MasterCard or VISA

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