


HIRE CATALOGUE

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hire@geotechnics.co.nz | North Island Hire: 09 356 3510 | South Island Hire: 03 361 0300

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CONCRETE

Schmidt Hammers

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$93	\$467	\$607	\$993

*Enquire about our long-term hire rates

Original Type N

- Used for non-destructive testing (NDT)
- Provides an indication of crushing resistance of concrete

The Schmidt hammer, also known as a rebound or Swiss hammer is designed for NDT of concrete samples of 100mm or more in thickness, or concrete with a maximum particle size of <32mm. The Schmidt hammer's compressive strength range is between 1,450 and 10,152 psi.

Related Standards: ASTM D5873, ASTM C805, BS 1881: Part 202



SilverSchmidt Type N

The SilverSchmidt test hammer has the following additional features:

- The values from the SilverSchmidt are not affected by the internal friction of the hammer operation. As a result, the impact direction does not affect the values as experienced with the original Schmidt hammer.
- The SilverSchmidt can automatically convert the impact value to the desired unit of measure.
- This hammer can also record all data which can be later processed using the free software 'Hammerlink'.
- Custom reference curves can be produced and uploaded to the SilverSchmidt for testing custom concrete mixtures.

Related Standards: ASTM D5873, ASTM C805, BS 1881: Part 202



CONCRETE cont...

Rebar Detector - Profoscope+

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$190	\$920	\$1,460	\$1,700

*Enquire about our long-term hire rates

- Estimates cover depth and rebar diameter
- Detects rebar with the 'real-time' view onscreen
- Single handed and cordless operation
- Memory storage capability of recording data manually or automatically

The Profoscope+ has the capability to transfer the measurements recorded for analysis on the ProfoLink software.

Related Standards: BS1881 part 204, DIN1045, SN 505 262, DGZfP B2.



Press-Ur-Meter Air Meter H2786

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$75	\$248	\$371	\$557

*Enquire about our long-term hire rates

- Adjustable brass cover clamps
- Easy to read, 4" diameter, direct percentage gauge
- All-brass super pump - the most reliable and highest quality pump available

The Press-Ur-Meter H2786 is designed to determine air content, determination of specific gravity and free moisture test of aggregates.

It is also designed to save time, reduce water used, ensure accuracy and maintain sample integrity.

Related Standards: ASTM C231; AASHTO T152



GEOTECHNICAL

Hand Auger

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$75	\$300	\$390	\$600

*Enquire about our long-term hire rates

- Used to gather soil samples from depth, or to create access for other testing
- Thread connections between all parts for easy assembly
- 50mm, 70mm and 100mm auger heads available (subject to availability)
- Ideal for cohesive soils such as clays

This kit consists of a 50mm head, 1.0m extension rods up to 5m, a handle, wire brush and Stilsons in a canvas carry bag.



Vibrating Wire Data Recorder - Slope Indicator VW Data Recorder

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$75	\$185	\$240	\$370

*Enquire about our long-term hire rates

- Labelled ports
- Suitable for any pluck-type vibrating wire sensors, RTDs and thermistors

Readings can be stored and transferred to a computer for processing. Frequency units can be Hz or Hz squared, sweep frequency, RTD or thermistor.

Related Standard: ASTM D5874



GEOTECHNICAL cont...

Scala Penetrometer

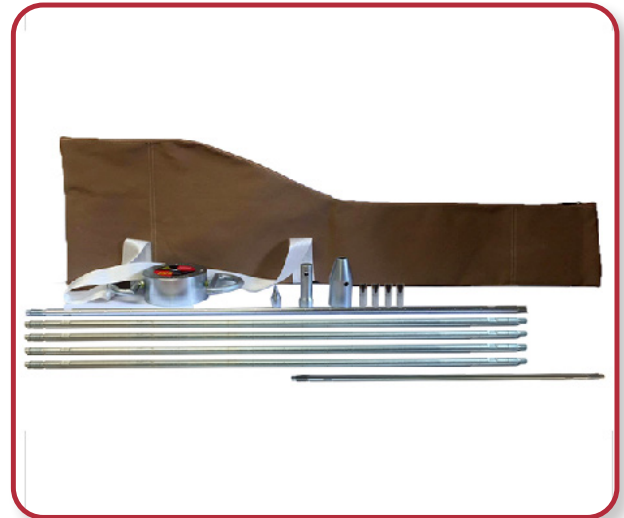
Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$83	\$415	\$539	\$830

*Enquire about our long-term hire rates

- Used to determine the penetration resistance of a soil at depth
- Manufactured in accordance with NZS 4402

The kit includes 1.0m extension rods up to 5m, joiners, anvil, handle, drop-weight and guide rod in a canvas carry bag. A Scala extractor is also available and is recommended for safe retrieval of Scala extension rods.

Related Standard: NZS 4402



Shear Vane – Geovane

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$75	\$303	\$393	\$605

*Enquire about our long-term hire rates

- Measures the shear strength of cohesive soils
- Measures up to 200 kPa with a 19mm blade
- 33mm blade available for less cohesive soils (subject to availability)

The Geovane is NZ made and comes with an extension rod adaptor, 2 spanners for easy removal of the vane and a hard carry case. The kit is available with up to 5m of extension rods. Some units are available with a 33mm vane blade which is used to test soft/less cohesive soils, up to 40 kPa.

Related Standards/Documents: BS1377 Part 9, NZGS Guideline for Hand Held Shear Vane Test



GEOTECHNICAL cont...

Geotechnics Impact Tester

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$75	\$353	\$459	\$706

*Enquire about our long-term hire rates

- Provides an impact value (IV) for inferred CBR values
- Easy one-button operation
- Meets both ASTM and AS standards

Our impact testers are New Zealand made and have a range of 0 to 100 (IV), making it suitable for use on both foundations and road surfaces. The equipment comes with a rugged transit case complete with 2 cables, a user manual and a test ring for daily checks.

Related Standard: ASTM D5874



Nuclear Density Meter (NDM) - Humboldt EZ Gauge

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$150	\$600	\$780	\$1,200

*Enquire about our long-term hire rates

- Used for density and moisture testing
- Ideal for soils, aggregate and asphalt
- Dangerous goods documents included

The NDM measures density through direct transmission and backscatter modes (also includes thin lift and trench modes) as well as moisture readings. The gauge uses advanced microprocessor-based technology to provide highly accurate measurements. Density and moisture readings are automatically computed for direct wet density, dry density, moisture content, percentage compaction (Proctor or Marshall), void ratio and air voids measurements. The gauge is calibrated by the five-block calibration method to meet NZ standards.

Compliance with standards: ASTM D6938, D2950, C1040 and AASHTO T310

Related Standards: NZS 4402 and NZS 4407

Related Consumables: NDM cleaning kit (NDMCK)

A license issued by the Office of Radiation Safety is required to hire this instrument.



GROUNDWATER PUMPS

Low-Flow Sampling Pumps

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$210	\$590	\$800	\$1,180

*Enquire about our long-term hire rates

Bladder Pump Kit - QED Sample Pro 1.75" Sampling Pump

- Low-flow sampling
- Twist-open design makes changing bladders simple in the field
- Excellent sample quality
- Continuous water analysis when used with a flow-through cell system

Kit includes: Solinst 464 Control Box (125 psi), 30m support line (optional), CO2 or Nitrogen regulator, spare parts.

The QED Sample Pro pump for low flow sampling, offers an easy-to-use design with user replaceable parts for on-site maintenance or repairs.

This bladder pump provides quality samples since the bladder creates a barrier between the drive-gas and water sample giving it excellent VOC retention in samples. Stainless steel quick-connect tubing fittings and the twist-lock type connections make it hassle free to sample multiple wells.

A fitted eye-bolt allows a deployment/support line of choice to ensure secure pump retrieval. Stainless steel ferrule sets are also available to secure the tubing into the pump. Carbon Dioxide or Nitrogen drive gas options available.

Related Consumables: Bonded tubing (BTLFB), inline filter (APB500, APB800)



Pump Diameter	Recommended Max Lift	Tubing Sizes
44.5 mm	61 m below ground	1/4" & 3/8" LDPE (drive and sample line respectively)

GROUNDWATER PUMPS cont...

Bladder Pump Kit – Solinst Model 407 1" Bladder Pump

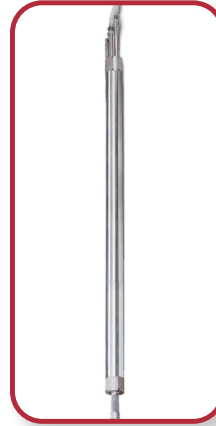
- Low-flow sampling
- Excellent VOC retention in samples
- Continuous water analysis when used with a flow-through cell system

The Model 407 bladder pump ensures there is no air-water contact during sampling making it ideal for VOC sampling. The bladder pump can operate at any angle down to 60-65m depths with the 125 psi model control box (provided).

Kit includes: Solinst 464 Control Box (125 psi), 30m support line (optional), CO2 or Nitrogen regulator

Related Consumables: LDPE 1/4" tubing

(ENV6TUBINGBIO), inline filter (APB500, APB800)



Pump Diameter	Recommended Max Lift	Tubing Sizes
25 mm	70 m below ground	Twin 1/4" LDPE

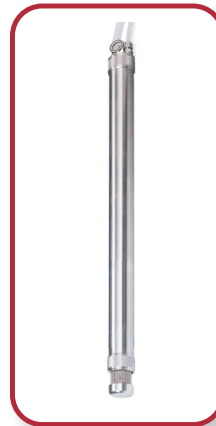
Double Valve Pump - Solinst Model 408 1.66" Double Valve Pump

- No bladder replacement required
- Low flow sampling
- Can be used for pumping contaminated liquids
- Continuous water analysis when used with a flow-through cell system

The Model 408 double valve pump ensures there is no air-water contact during sampling making it ideal for VOC sampling. The double valve pump can operate at any angle down to 60-65m depths with the 125 psi model control box (provided).

Kit includes: Solinst 464 Control Box (125 psi), 30m support line (optional), CO2 or Nitrogen regulator

Related Consumables: LDPE 1/4" tubing (ENV6TUBINGBIO), inline filter (APB500, APB800)



Pump Diameter	Recommended Max Lift	Tubing Sizes
42 mm	70 m below ground	1/4" & 3/8" LDPE (sample and drive line respectively)

GROUNDWATER PUMPS cont...

Peristaltic Pump - Solinst Model 410 Peristaltic Pump

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$80	\$338	\$506	\$759

*Enquire about our long-term hire rates

- Groundwater and surface water applications
- Low flow sampling
- Vapour sampling
- 12V power required

The reversible flow 410 Peristaltic Pump is ideal for vapour and water sampling from shallow wells and surface water.

The minimalistic design makes it easy to use. Sampling rates vary from 120 ml/min to 3.5 L/min with the 5/8" (16mm OD) silicone tubing. For lower sampling rates of around 900 ml/min to 40ml/min, the 3/8" (10mm OD) silicone tubing and low-flow tubing adaptor must be used. The large thumb screws at the drive head housing make switching between tubing sizes or replacing tubes efficient and hassle free.

Related Consumables: Silicone tubing (SILICONETUBE3/8, SILICONETUBE5/8) LDPE tubing (ENV6TUBINGBIO, ENV9TUBINGBIO), Inline filters (APB500, APB800)



Max Flow Rate	Recommended Max Lift	Tubing Sizes
43.5 L/min (with 5/8" silicone tubing) 900 ml/min (with 3/8" silicone tubing)	10 m at sea level	3/8" LDPE (with 5/8" silicone tubing) 1/4" LDPE (with 3/8" silicone tubing)

GROUNDWATER PUMPS cont...

Plastic Submersible Pump – SuperTwister

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$80	\$338	\$506	\$759

*Enquire about our long-term hire rates

- Operates well with sediment-laden water
- Vertical and horizontal application
- No support line required
- Fully submersible to 25m
- Powered by portable 12V battery or car battery
- Fits into 50 mm well

This submersible plastic pump is an easy option for well purging with flow rates up to 9.4 L/min at 3 m depth.

The heavy duty 12 gauge lead wires means a support line is not needed making it portable and versatile. Simply connect the lead wires at the surface to the supplied 12V battery (or car battery). The Super Twister can withstand sediment laden waters and is not confined to vertical applications.

Related Consumables: LDPE Tubing (BTLDPPE1/2), Inline Filters (APB500, APB800) tubing (ENV6TUBINGBIO, ENV9TUBINGBIO), Inline filters (APB500, APB800)



Pump Diameter	Max Flow Rate	Tubing Sizes
46.2 mm	1.8 L per min. at 25 m	½" LDPE

INTERFACE METERS

Solinst Model 122 Interface Meter

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$75	\$315	\$473	\$709

*Enquire about our long-term hire rates

- Detects LNAPL and DNAPL
- Indicates water-product interface
- Easy to read white-tape with dog-bone design
- ATEX certified
- CSA Intrinsically safe

Light, Non-Aqueous Phase Liquids (LNAPL) and Dense Non-Aqueous Phase Liquids (DNAPL) can be detected with the Model 122 Interface Meter.

This meter features a narrow (16mm), pressure-proof probe which can read accurately to 1 millimetre. Using optical refraction and electrical conductance, the meter distinguishes product with a continuous light and tone and water is indicated with intermittent signals. These meters are ATEX certified – intrinsically safe for use in explosive environments. The Model 122 Interface Meters is also equipped with

a dog-bone design to reduce wall-tape hang-ups for easy deployment and retrieval with the tape guide.

Related Consumables: Decon 90 (DECON90), Liquinox (2088117)



MULTI-GAS DETECTORS

Eagle 2 Multi-Gas Detector

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$150	\$630	\$945	\$1,418

*Enquire about our long-term hire rates

- Detects up to five different gases simultaneously
- Audible and visual alarms
- Ergonomic handle and large, glove-friendly buttons
- Sampling probe and hose

This unit is equipped with multiple sensors to detect up to 5 gases. It has the same features and sensor as our Single-Gas model Eagle 2 to measure methane in ppm levels, but is also able to detect carbon dioxide, oxygen, hydrogen sulphide and carbon monoxide.



Sensor	Detection Principle	Measures	Range	Accuracy (whichever is greater)
Combustible	Catalytic	CH ₄	0-100%LEL 0-5.0%Vol	5% of reading or 2% LEL
			0-50,000ppm	50ppm or 5% of reading
Oxygen	Galvanic	O ₂	0-40 %Vol	0.5% O ₂
Carbon Monoxide	Electrochemical	CO	0-500ppm	5% of reading or 5ppm CO
Hydrogen Sulphide	Electrochemical	H ₂ S	0-100ppm	5% of reading or 2ppm H ₂ S
Carbon Dioxide	Infra-red	CO ₂	0-60%Vol	5% of reading or 2% of full scale
Combustible	Infra-red	CH ₄	Auto-ranging LEL, 0-100%Vol	

MULTI-GAS DETECTORS cont...

Four-Gas - GX2012

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$90	\$383	\$575	\$862

*Enquire about our long-term hire rates

- Measures Methane (CH₄, %LEL), Hydrogen Sulphide (H₂S, ppm), Carbon Monoxide (CO, ppm), Oxygen (O₂, %Vol.)
- Confined space personal monitor
- Ability to sample 15m away from potentially dangerous areas
- Datalogging

The GX-2012 is a simple-to-use personal gas detector, typically used for confined space applications. It measures the standard confined space gases (methane, carbon monoxide, oxygen and hydrogen sulphide) and is equipped with audible and visual alarms to alert the user of gas concentrations that exceed the pre-programmed limits. The internal pump enables sampling up to 15 m away from potentially dangerous atmospheres.

Applications: Confined space entry, emergency response, environmental, fire service, industrial safety, oil and gas applications, and worker exposure/personal safety.

Related Consumables: Hydrophobic filter disc (GX2012)



Sensor	Detection Principle	Measuring	Range	Accuracy (whichever is greater)
Combustible	Catalytic Combustion	CH ₄	0-100% LEL	5% of reading or 2% LEL
Oxygen	Galvanic Cell	O ₂	0-40 %Vol.	0.5% O ₂
Hydrogen Sulphide	Electrochemical Cell	H ₂ S	0-100 ppm	5% of reading or 2ppm H ₂ S
Carbon Monoxide	Electrochemical Cell	CO	0-500 ppm	5% of reading or 5ppm CO

MULTI-GAS DETECTORS cont...

Five-Gas - MultiRAE Lite

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$100	\$428	\$641	\$962

*Enquire about our long-term hire rates

- Measures: Volatile Organic Compounds (VOCs), Methane (CH₄), Hydrogen Sulphide (H₂S), Carbon Monoxide (CO), Oxygen (O₂)
- Personal gas detector, work area monitor
- Datalogging

The MultiRAE Lite is a powerhouse portable gas detector with the ability to monitor up to five gases simultaneously. It's equipped with audible and visual alarms to alert the user of potentially hazardous atmospheric conditions as well as data logging function to record gas concentrations.

Applications: Personal protection and multi-gas leak detection in chemical, food & beverage, oil and gas, pharmaceutical, telecommunications and wastewater treatment industries, fire overhaul, confined space entry, indoor air quality, clandestine labs and worker exposure/safety.

Related Consumables: Water trap filter (MultiRAE)



Sensor	Detection Principle	Measuring	Range	Resolution
Combustible	Catalytic Combustion	CH ₄	0-100% LEL	1 %LEL
Oxygen	Galvanic Cell	O ₂	0-30 %Vol.	0.1 %Vol.
Hydrogen Sulphide	Electrochemical Cell	H ₂ S	0-100 ppm	0.1 ppm
Carbon Monoxide	Electrochemical Cell	CO	0-500 ppm	1 ppm
PID Lamp (10.6 eV)	Photoionization	VOCs (Calibrated to isobutylene)	0-1,000 ppm	1 ppm

MULTI-GAS DETECTORS cont...

GA5000 Landfill Gas Analyser

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$185	\$790	\$1,185	\$2,370

*Enquire about our long-term hire rates

- Measures Carbon Dioxide (CO₂) Methane (CH₄), Hydrogen Sulphide (H₂S), Carbon Monoxide (CO), Oxygen (O₂)
- Landfill gas monitor
- Records gas flow and pressure readings from bore holes
- Customisable user and site IDs

The GA5000 is an ATEX-certified portable gas analyser used in landfill and contaminated land work. It offers standardised monitoring routines with site-specific and user IDs that are customizable straight from the analyser or through the Gas Analyser Manager Software. Gas, bore hole gas flow and pressure readings can be recorded at each borehole ID and exported into an excel spreadsheet for easy data manipulation and processing.

Applications: Landfill gas monitoring, waste to energy, site investigation.

Applications: Landfill gas monitoring, waste to energy, site investigation

Related Consumables: Water trap filter (GA5000), Gas well tricap w/ QC fitting (TRICAPGAS), QC fitting with sampling hose for tricap (TRICAPGASQC).



Sensor	Detection Principle	Measuring	Range	Accuracy
Combustible	Dual wavelength infrared sensor with reference channel	CH ₄	0-100 %Vol.	0-70%Vol. ±0.5%Vol. 70-100%Vol. ±1.5%Vol.
Carbon Dioxide	Dual wavelength infrared sensor with reference channel	O ₂	0-25 %Vol.	±1.0%Vol.
Oxygen	Electrochemical Cell	O ₂	0-25 %Vol.	±1.0%Vol.
Hydrogen Sulphide	Electrochemical Cell	H ₂ S	0-50 ppm	±1.5% FS
Carbon Monoxide	Electrochemical Cell	CO	0-500 ppm	±2.0% FS

MULTI-GAS DETECTORS cont...

MicroClip XL

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$60	\$252	\$378	\$567

*Enquire about our long-term hire rates

- Measures Carbon Monoxide (CO), Hydrogen Sulphide (H₂S), and Oxygen (O₂)
- Records gas in hazardous environments
- The only multi-gas detector with a rating of IP68 for unmatched water protection — up to 45 minutes at a depth of 1.2 m

The MicroClip XL is a compact, lightweight multi-gas detector. It's durable, rechargeable lithium battery is tested to last in extreme environments. It has a guaranteed runtime for at least a 12-hour shift — down to -20°C — without compromising LEL detection of hydrogen, acetylene and other combustible gases.

The MicroClip XL features a flashing green IntelliFlash™ light for compliance at a glance, indicating detector has been bump tested and is monitoring correctly.

Applications: Landfill gas monitoring, waste to energy, site investigation.

Related Consumables: Water trap filter (GA5000), Gas well tricap w/ QC fitting (TRICAPGAS), QC fitting with sampling hose for tricap (TRICAPGASQC).



Sensor	Detection Principle	Measuring	Range	Accuracy
Oxygen	Electrochemical Cell	O ₂	0-30 %Vol.	±1.0%Vol.
Hydrogen Sulphide	Electrochemical Cell	H ₂ S	0-100 ppm	±1.5% FS
Carbon Monoxide	Electrochemical Cell	CO	0-500 ppm	±2.0% FS

PORTABLE GAS DETECTORS

Eagle 2 - Single Gas Detector

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$125	\$540	\$810	\$1,215

*Enquire about our long-term hire rates

- Primarily used for Instantaneous surface measurement
- Measures methane concentrations in parts per million (ppm), percentage of the Lower Explosive Limit (%LEL) and percentage volume (%Vol.)
- Ergonomic handle allows 1 handed operation
- Large, glove-friendly buttons
- Sampling probe for instantaneous surface measurements and leak investigation

The EAGLE 2's internal pump enables sampling from 38 m away and can continuously operate for 20 hours on the Ni-MH batteries they are provided with. The EAGLE has visual and audible alarms, triggered by gases exceeding the set alarm limits making it suitable to monitor methane gas levels. Comes with sampling hose and probe.

Applications: Leak investigation, landfill monitoring, instantaneous surface measurements (ISMs)

Related Consumables: Hydrophobic filter disc for probe (EAGLE2 Sampling Probe)



Sensor	Detection Principle	Calibrated to	Range	Range
Combustible	Catalytic Combustion	CH4	0-50,000 ppm	5% of reading or 2% LEL (whichever is greater)
			0-100 %LEL	

PORTABLE GAS DETECTORS cont...

MiniRAE 3000 (PID)

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$80	\$338	\$506	\$759

*Enquire about our long-term hire rates

- Measures Volatile Organic Compounds (VOCs) in ppm, up to 15,000ppm
- Simple three-button operation
- Built in correction factors
- Useful screening tool for site investigation

Applications: Oil and gas, HazMat, industrial safety, civil defence, environmental and indoor air quality, leak detection, worker exposure.

Related Consumables: Water trap filter (MiniRAE 3000)

The MiniRAE 3000 is ideal for photoionization detection. The 10.6 eV lamp covers the broadest range of VOCs with a range from 0 – 15,000 ppm. It is also equipped with data logging functions, audible and visual alarms and an integrated flash light. PID is a broad-spectrum monitor but is not selective and has limited ability to distinguish a specific VOC. If the sample is suspected to contain a particular VOC, correction factors can be applied to estimate its concentration.



Sensor	Detection Principle	Measuring	Range	Resolution
PID Lamp (10.6 eV)	Photoionization	VOCs (calibrated to Isobutylene)	0-15,000 ppm	0.1 ppm (0-999.9 ppm)
				1 ppm (1,000 - 15,000ppm)

NOISE & VIBRATION

01db FUSION Expert Sound Level Meter, Class 1

- Meets specifications in IEC 61672 for Class 1 tolerances
- Built-in preamplifier
- 118 dB dynamic range
- Self-check system
- Automatic calibrator detection (97.3Hz)
- All-in-one Wi-Fi, 3G modem, GPS
- Advanced triggers
- Metrological and MP3 audio recording
- Comes with matching calibrator
- Optional: Outdoor monitoring kit

This multi-purpose sound level meter can be used as a control instrument that offers evaluation, analysis and monitoring capabilities for noise monitoring applications. Optional outdoor monitoring kit comes with 10m cable, separate preamplifier and noise cone.

Specific electronic corrections are already implemented in the FUSION to satisfy the 0° and 90° reference directions. Pair the Fusion sound level meter with our MR3000C vibration monitor for your next noise & vibration monitoring round.

Related standards: IEC 61672.



Description	Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
Fusion Expert SLM	\$185	\$833	\$1,249	\$6,075
SLM with Outdoor Monitoring Kit	Not available	\$800	\$1,200	\$1,800

*Enquire about our long-term hire rates

NOISE & VIBRATION cont...

Syscom MR3000C Vibration Monitor

- Internal triaxial geophone sensor
- Internal data recorder
- Internal 4GB memory plus removable SD card
- IP65 protection from dust and water
- 12V external battery pack or mains power
- GPS, internal 4G modem (3G/2G backup)
- Wireless connectivity
- FTP push network capabilities
- Automatic SMS and E-mail alerts
- Separate background and event files
- User-defined alarms for each axis
- Standard-defined alarms (DIN 4150-3, SN 640312, Circulaire du 23/07/19896)
- Optional: Long-term monitoring kit with storage/transport case, solar panel and deep cycle battery

The MR3000C is a compact vibration monitor packed with features and technology that makes it the first choice among engineers. The internal 4G modem allows the MR3000C to connect to FTP networks for convenient file transfers as well as customisable SMS and E-mail alerts. Power can be supplied using a 12V battery or connected to a mains power for long-term monitoring. For remote areas, a 12V battery and solar panel can be utilised.



Description	Mobilisation Fee	Daily Rate
MR3000C Vibration Monitor	\$110	\$50
Add-on: Long-term monitoring kit	\$40	\$10

WATER LEVEL LOGGERS

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$75	\$150	\$200	\$240

*Enquire about our long-term hire rates

Solinst Leveloggers M5, M10, M20, M30

- All-in-one pressure transducer + datalogger
- 22mm diameter
- Ideal for long-term background water level monitoring, pump tests, rising-and-falling head tests
- Special long-term hire rates available

The Levelogger is a self-contained water level datalogger utilising a pressure sensor, temperature detector, 10-year lithium battery and convenient sampling options.

The water pressure above the Levelogger sensor is recorded as well as the atmospheric pressure resulting in total pressure. A Barologger is deployed in conjunction to compensate the readings for atmospheric pressure. Together, they provide

accurate water level readings above the pressure sensor of the Levelogger which can be easily animated in a graph, or .CSV file with the free Levelogger software.

Related Consumables: Kevlar deployment cable (KEVLARLINE), Eye bolts (PRO1.3)



Models	Full Scale (FS)	Accuracy
Barologger	Air Only (no submergence)	± 0.05 kPa
M5	5 meter submergence	± 0.3 cm
M10	10 meter submergence	± 0.5 cm
M20	20 meter submergence	± 1 cm
M30	30 meter submergence	± 1.5 cm

WATER LEVEL LOGGERS cont...

Levellogger Accessories

Levelloggers and Barologgers can connect to laptops, tablets and PCs using a variety of methods to download data, set up logging intervals and details of the logger. Combined with the free Levellogger Software (from www.solinst.com/downloads/), makes data processing streamlined and hassle

free. These have all the same rates as shown in the table below. The sensor of the Levellogger which can be easily animated in a graph, or .CSV file with the free Levellogger software.

Related Consumables: Kevlar deployment cable (KEVLARLINE), Eye bolts (PRO1.3)

Levellogger App Interface (Bluetooth)

Connect to your Levellogger or Barologger wirelessly through bluetooth technology from your tablet or mobile phone. Once connected you can view and download using the Solinst Levellogger App and the data can be exported via email or to the cloud.



Datagrabber

The most portable option and time-saving option for downloading data from Levelloggers or Barologgers. With a push of a button, all data is downloaded into the USB flash drive. Datalogging and other settings are not disrupted using this method, the data also remains on the logger after download is complete



Optical Communication Cradle

The cradle connects to a PC via USB to download straight a file directory of your choosing with the free Levellogger Software. Ideal for downloading/programming a number of levelloggers in the office.



Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$15	\$23	\$34	\$51

*Enquire about our long-term hire rates

WATER QUALITY

YSI Professional Plus/YSI Quatro (Multi-parameter Handheld Device)

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$120	\$518	\$776	\$1,164

*Enquire about our long-term hire rates

- Water resistant IP-67 rating
- Built in barometer
- Flow Cell available
- Datalogging, interval or single-event
- Detailed on-screen 'Help' function
- Free data manager software

The Professional Plus and Quatro from YSI comes with either a 1-m or 4-m cable with 4 sensors that measure 5 parameters simultaneously. The optional flow cell makes the YSI a perfect companion for groundwater monitoring with peristaltic pumps or other low-flow pumps.

A new feature integrated into the new Quatro handheld is the ability to download data On-The-Go with the micro-USB OTG cable and USB stick, making data transfers much simpler than before.



Measured Parameters	Derived parameters
Dissolved Oxygen (DO in %, ppm and mg/L)	Resistivity
pH (pH units, pH mV)	Salinity
Conductivity (uS/cm, mS/cm)	Specific Conductance
ORP (mV)	Total Dissolved Solids (TDS)
Temperature (°C,°F, K)	

WATER/INTERFACE LEVEL MEASUREMENTS

Water Level Meters

The water level meter provides quick and easy depth to water level measurements in wells, boreholes, standpipes and tanks. Two models are available for hire.

Daily Rate	Weekly Rate	Fortnightly Rate	Monthly Rate*
\$60	\$248	\$371	\$557

*Enquire about our long-term hire rates

Solinst Model 101 Water Level Meter (100m Length)

The Model 101 Water Level Meter features a 100m polyethylene tape and P7 probe. This probe is designed to be submerged down to 300m, making it ideal for deep well measurement. The dog-bone design of the tape reduces friction when lowering or retrieving the probe and reduces the chance of the tape sticking to the side of wet well pipes. The stretch-resistant tape reads accurately to each millimetre and the sensitivity dial helps to locate the water surface.

Related Consumables: Decon 90 (DECON90), Liquinox (2088117)



Solinst Model 102 Water Level Meter (60m Length)

The Model 102 Water Level meter features a 60m coaxial cable and P10 probe, designed to use in narrow diameter wells where the rigid P2 probe may not be able to pass. The P10 probe's segmented weights, measuring only 10mm in diameter, allow it to manoeuvre through possible obstructions in wells. A mini-102 Water Level Meter is available in a 25m length for convenience and portability and a 6mm-diameter probe designed for CMT systems.

Related Consumables: Decon 90 (DECON90), Liquinox (2088117)



CONSUMABLES

Water Sampling

Filters			
AquaPore Biodegradable Filers			
0.45 micron x 500 cm2	APB500	Each	\$40.00
0.45 micron x 800 cm2	APB800	Each	
<ul style="list-style-type: none">• Complies with ANZECC recommendations• Biodegradable		<ul style="list-style-type: none">• Groundwater preparation for dissolved metal analysis• Filtering turbid groundwater	

Hydrasleeve			
Hydrasleeve 1.1L	HYDRASLEEVE1.1L	Each	\$65.00
Hydrasleeve Spring Clip	HYDRASLEEVECLIP	Each	\$5.00
Hydrasleeve Weight	HYDRASLEEVEWEIGHT	Each	\$26.50

Tubing			
Light-Density Polyethylene (LDPE)			
1/ 4"	ENV6TUBINGBIO	100m, 50m, 20, 10m rolls	
3/8"	ENV9TUBINGBIO	100m, 50m, 20, 10m rolls	
1/ 2"	BTLDPPE1/2	100m, 50m, 20, 10m rolls	
1/ 4" & 3/8" Bonded	BTLFB	100m rolls only	
Medium-Density Polyethylene (MDPE) - 25m rolls			
1"	900M25.25	\$78.45	
Silicone for Peristaltic Pumps			
3/8"	SILICONETUBE3/8	per half metre	\$19.00
5/8"	SILICONETUBE5/8	per half metre	\$35.00

CONSUMABLES cont...

Water Sampling

Waterra Footvalves				
Standard Flow				
D16	5/8 tubing required	WT16	Each	\$45.00
D25	5/8 tubing required	WT25	Each	\$16.00
D25 Surgeblock		WT25SB	Each	\$33.90
High Flow				
D32	1" tubing required	WT32	Each	\$47.00
SS32 (Stainless Steel)	1" tubing required	WT32SS	Each	\$121.00

Disposable Bailers			
Clear PVC Bailer 1.5" (38mm)	PEPPVC-153	Box of 24, Each	\$270 / \$16.50
Clear PVC Bailer 0.7" (17mm)	PEPPVC-703	Box of 24, Each	\$280 / \$19.00

Cleaning and Decontamination Solutions

Liquinox - 3.8L	2088117	Each	\$190.50
DECON90 - 5L	DECON90	Each	\$207.40

CONSUMABLES cont...

Gas Detection

Water-Trap Filters			
MiniRAE 3000	Each	\$18.00	
MultiRAE Lite	Each		
GA5000	Each		
EAGLE 2 Hydrophobic Disc	Each	\$15.00	
EAGLE 2 Particle Filter	Each		
GX-2012 Hydrophobic Disc	Each		

Well Caps			
Gas Tricap w/ quick connect fitting (male) – 50mm	TRICAPGAS	Each	80.00
Quick release fitting (female) for Gas Tricap	TRICAPGASQC	Each	46.00
Lockable Tricap – 50mm	TRICAPS	Each	21.00

Calibration Gas			
4-Gas Mix, 34L (100ppm CO, 25ppm H ₂ S, 2.5% CH ₄ , 18.0% O ₂) – for LEL meters	Each	\$370	
Isobutylene Gas, 103L (100ppm Isobutylene, C ₄ H ₈) – for PIDs	Each		
2-Gas Mix, 103L (40% CO ₂ , 60% CH ₄)– for GA/GEM 5000 Landfill Gas Analysers	Each	\$380	

Other Consumables cont...

Nuclear Density Meter (NDM) Cleaning Kit	NDMCK	Each	\$75.00
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FREQUENTLY ASKED QUESTIONS

I initially needed the gear for 2 days but now I need it for a month, do you have long-term hire rates?

Yes, monthly, 2-weekly, weekly and daily rates are available. The hire period is automatically calculated and the appropriate rate is selected by our software. The minimum hire period is 1 day. To clarify: one week consists of 5 working days, a fortnight consists of 2 working weeks, a month consists of 4 working weeks.

We may also be able to organise a fixed rate agreement for long-term hires - get in touch to discuss this with us.

I want to hire equipment from you, how do I check availability?

You can either submit an enquiry via our website or you can call us to do this.

Alternatively, you can email hire@geotechnics.co.nz with the date range you had in mind and what equipment you need and one of our friendly team members will get in touch to book it in.

Is all your hire equipment listed on your website?

We try to update our website as much as possible with the latest information. If you're after something specific and can't see it on our website/in our catalogue, get in touch as we are always looking to expand our equipment offerings – or we may already have it and it just hasn't been uploaded yet!

Can I have the equipment delivered and how much is freight?

Yes, we can deliver nationwide! The delivery timeframe is usually overnight unless otherwise stated. In Auckland and Christchurch, we have the option to utilise same-day couriers for time-sensitive situations.

Cost of freight is determined by the weight and size of the package. The below prices are based on the maximum size and weight per item.

The most you will pay for same-island deliveries will be around \$25 for an overnight service with NZ Post. For rural addresses, it will be an extra \$5 and will take additional time to deliver. For residential addresses, please also allow additional time to deliver.

For island-to-island deliveries we have two options, an overnight service and a two-three-day service. The maximum fee for an overnight service is \$113.40 and for the two-three-day service is \$55.30.

When we dispatch our equipment we include tickets for returning the equipment to us. If you prefer to use your own freight forwarder, please let us know to prevent extra charges.

FREQUENTLY ASKED QUESTIONS

The gear is taking a few days to get to me and I only need it for 1 day, will I be charged for the days in transit?

No, we will only begin hire charges from the day you receive the equipment until the day you stop using it. This is based on the assumption that the equipment will be delivered/collected on the morning of the following day.

To avoid confusion, please drop us a short email when you have finished using the equipment and ensure it is despatched the following morning.

On the odd occasion where we have requested you to return the equipment immediately after your hire period ends, we will require the equipment to be dispatched as soon as possible. If any issues arise, please get in touch with us as early as possible so that we can make other arrangements with our other customers.

Can I pay with my credit card?

Certainly. We accept all major credit cards except American Express. If you have an account with us, you're also able to pay on statement.

However, unless you have an account set up, we require payment upfront. We prefer to secure credit card details as we can process this at the end of the hire after the equipment is returned. Proof of bank transfer is also welcomed.



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