

HIRE CATALOGUE

HASSLE FREE HIRE



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*We are proud members of the Hire Association

CONCRETE

Schmidt Hammers

*Enquire with our team about our 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+

*Enquire with our team about our 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

*Enquire with our team about our 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

*Enquire with our team about our 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.

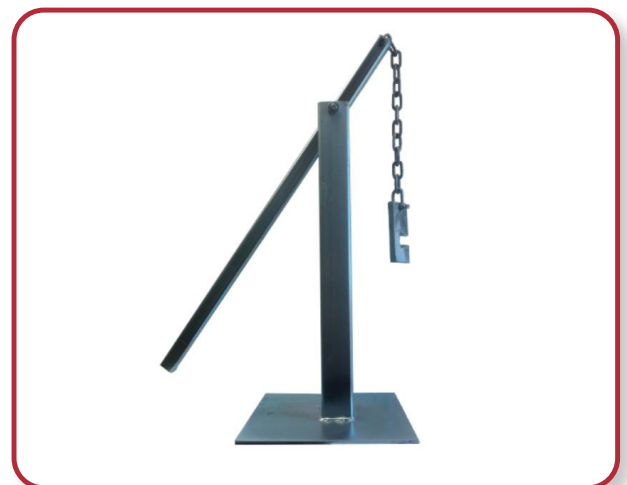


Scala/ Auger Puller

*Enquire with our team about our rates.

- Weighs 7.5kg
- Works with both Scala Pentrometers and Hand Augers
- Can be hired separately or within a kit

The Scala/ Auger Puller makes Scala removal easy. The extractor hooks onto the extension rods and pulls the Scala out of the ground by pushing the lever. The extractor is also available with an Auger fitting to help remove Auger Rods from the ground.



GEOTECHNICAL cont...

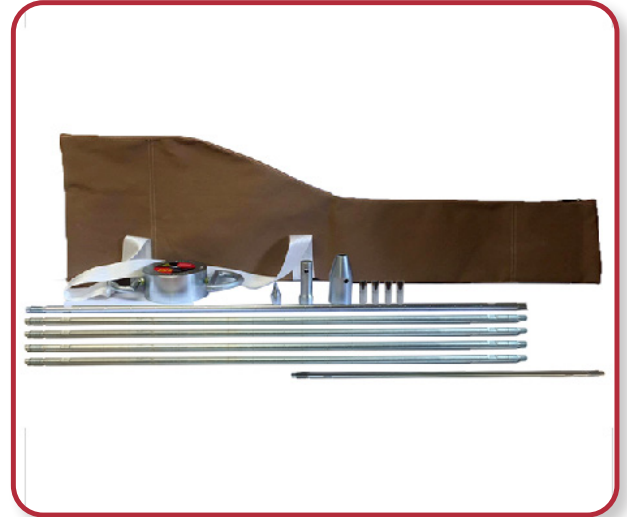
Scala Penetrometer

*Enquire with our team about our 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 within the kit and is recommended for safe retrieval of Scala extension rods.

Related Standard: NZS 4402



Shear Vane – Geovane

*Enquire with our team about our 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...

Shear Vane Extension Rods in PVC Bag

*Enquire with our team about our rates.

- Measures 1m in length
- Packaged in PVC bag
- Can be hired separately or within a kit

Shear Vane Extension Rods screw onto the hand-held Shear Vane Torque Head via a small adaptor. Rods then fit into each other, meaning only one adaptor is required, regardless of how many metres of extension are being used. The Shear Vane Blade screws directly into the bottom of the extension rods.



Vibrating Wire Data Recorder - Slope Indicator VW Data Recorder

*Enquire with our team about our 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



Geotechnics Impact Tester

*Enquire with our team about our 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

*Enquire with our team about our 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

Peristaltic Pump - Solinst Model 410 Peristaltic Pump

*Enquire with our team about our 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...

Stainless-Steel Monsoon XL

*Enquire with our team about our rates.

A reliable submersible pump ideal for a range of groundwater sampling applications. It fits wells 50 mm (2") in diameter and larger, with a pump head diameter of approx. 44mm. Delivers flow rates of up to 43.5 L/min with 5/8" silicone tubing (15.9 mm ID) or 900 mL/min using 3/8" silicone tubing (9.5 mm ID). Compatible with 3/8" LDPE (9.5 mm OD) and 1/4" LDPE (6.4 mm OD) via silicone sleeves.

If depth to water is unknown, consider the usage or hire of a Water Level Meter.



Pump runs best when powered by a running vehicle battery, though portable battery options are also available. Each unit comes with retrieval wire and protective gloves for safe, efficient field use.

The Stainless-Steel Mega-Monsoon XL

*Enquire with our team about our rates.

Built for use in 50 mm (2") wells and up, the Mega Monsoon has a slightly larger pump head diameter of approx. 47 mm, while maintaining compact form and ease of use. Designed for setups using 1/2" LDPE tubing (12.7 mm OD), it provides flow rates of approximately 13.5 L/min at moderate depths and 10.8 L/min at greater depths.

If depth to water is unknown, consider the usage or hire of a Water Level Meter



Pump runs best when powered by a running vehicle battery, though portable battery options are also available. Each unit comes with retrieval wire and protective gloves for safe, efficient field use.

GROUNDWATER PUMPS cont...

Plastic Submersible Pump – SuperTwister

*Enquire with our team about our 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 |

MULTI-GAS DETECTORS

Eagle 2 Multi-Gas Detector

*Enquire with our team about our 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

*Enquire with our team about our 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

*Enquire with our team about our 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

*Enquire with our team about our 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

*Enquire with our team about our 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

*Enquire with our team about our 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)

*Enquire with our team about our 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

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.

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)



| 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

Syscom MR3000C Vibration Monitor

*Enquire with our team about our rates.

- 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.



WATER LEVEL LOGGERS

Solinst Leveloggers M5, M10, M20, M30

*Enquire with our team about our rates.

- 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. e 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.



*Enquire with our team about our rates.

WATER QUALITY

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

*Enquire with our team about our 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.

*Enquire with our team about our 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)



Solinst Model 122 Interface Meter

*Enquire with our team about our 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)



Solinst TLC Meter

*Enquire with our team about our rates.

- Rugged Solinst reel and accurate tape
- Lengths to 300 ft. (100 m), probe dia. is 3/4" (19 mm)
- Display that rotates for easy reading
- Standard 9V alkaline battery gives 90 hrs. of use
- Auto-Off after 8 minutes

The Model 107 TLC Meter enables accurate profiling of water temperature and conductivity in aquifers, and open water bodies.

Water level and probe depth measurements are read off the accurate Solinst flat-tape marked every 1/100 ft or each millimeter.



Forklift Extensions

*Enquire with our team about our rates.

Reliable and heavy-duty, this sturdy pair of 2.1m long fork extensions is ideal for safely handling longer or oversized loads with improved stability. Constructed for strength and durability, they're quick to fit, secure in place, and perfect for extending the versatility of your forklift without compromising control. Suitable for forks up to 130mm wide.



CONSUMABLES

Water Sampling

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

| Hydrasleeve | | |
|-------------------------|-------------------|------|
| Hydrasleeve 1.1L | HYDRASLEEVE1.1L | Each |
| Hydrasleeve Spring Clip | HYDRASLEEVECLIP | Each |
| Hydrasleeve Weight | HYDRASLEEVEWEIGHT | Each |

| 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 | |
| Silicone for Peristaltic Pumps | | |
| 3/8" | SILICONETUBE3/8 | per half metre |
| 5/8" | SILICONETUBE5/8 | per half metre |

CONSUMABLES cont...

Water Sampling

| Waterra Footvalves | | | |
|------------------------|---------------------|--------|------|
| Standard Flow | | | |
| D16 | 5/8 tubing required | WT16 | Each |
| D25 | 5/8 tubing required | WT25 | Each |
| D25 Surgeblock | | WT25SB | Each |
| High Flow | | | |
| D32 | 1" tubing required | WT32 | Each |
| SS32 (Stainless Steel) | 1" tubing required | WT32SS | Each |

| Disposable Bailers | | |
|------------------------------|------------|-----------------|
| Clear PVC Bailer 1.5" (38mm) | PEPPVC-153 | Box of 24, Each |
| Clear PVC Bailer 0.7" (17mm) | PEPPVC-703 | Box of 24, Each |

Cleaning and Decontamination Solutions

| | | |
|-----------------|---------|------|
| Liquinox - 3.8L | 2088117 | Each |
| DECON90 - 5L | DECON90 | Each |

CONSUMABLES cont...

Gas Detection

| Water-Trap Filters | |
|--------------------------|------|
| MiniRAE 3000 | Each |
| MultiRAE Lite | Each |
| GA5000 | Each |
| EAGLE 2 Hydrophobic Disc | Each |
| EAGLE 2 Particle Filter | Each |
| GX-2012 Hydrophobic Disc | Each |

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

| Calibration Gas | |
|--|------|
| 4-Gas Mix, 34L (100ppm CO, 25ppm H ₂ S, 2.5% CH ₄ , 18.0% O ₂) – for LEL meters | Each |
| 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 |

Other Consumables cont...

| | | |
|--|-------|------|
| Nuclear Density Meter (NDM) Cleaning Kit | NDMCK | Each |
|--|-------|------|

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.

