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**Monitoring Instruments  
& Sampling Equipment**

# RENTAL

# CATALOG

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**See inside for  
branch contacts  
and information!**

**UPDATED  
JULY 2019**

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Training. Support. Collaboration.

The Power in Partnership distinction is awarded to the companies that stand out among the environmental equipment and instrument manufacturers, as well as suppliers.

The FEI partners with this distinction continually demonstrate commitment to the environmental industry through training, support, and collaboration with FEI team members.

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# Choose the Most Convenient Way To Order!



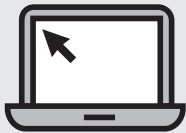
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## **EASY ORDERING**



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\$ = sale item

Photo Ionization Detectors

**FEATURED ITEM**

**Ion Science PhoCheck TIGER LT \$** 📶

The Ion Science PhoCheck TIGER LT is low on cost but high on performance. Its revolutionary, patented PID sensor technology with humidity resistance and anti-contamination design provides market-leading accuracy and run time. Combined with 24-hour battery life, these features maximize field time by minimizing erroneous readings in high humidity and drift.



0.1–5,000 ppm	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
Unit w/10.6 eV Lamp (ID: 15908).....	\$85	\$255	\$765

**RAE Systems MiniRAE 3000 \$** 📶

0.1–15,000 ppm			
Unit w/10.6 eV Lamp (ID: 06206) .....	<b>D</b> \$85	<b>W</b> \$255	<b>M</b> \$765
Unit w/11.7 eV Lamp (ID: 06456) .....	<b>D</b> \$125	<b>W</b> \$375	<b>M</b> \$1,125



**Ion Science PhoCheck TIGER \$**

1 ppb–20,000 ppm			
Unit w/10.6 eV Lamp-ppb (ID: 17082) .....	<b>D</b> \$125	<b>W</b> \$375	<b>M</b> \$1,125
Unit w/10.6 eV Lamp-ppm (ID: 09321) .....	<b>D</b> \$85	<b>W</b> \$255	<b>M</b> \$765
Unit w/11.7 eV Lamp (ID: 17942).....	<b>D</b> \$125	<b>W</b> \$375	<b>M</b> \$1,125



**RAE Systems ppbRAE 3000 \$** 📶

0.1 ppb–10,000 ppm			
Unit w/10.6 eV Lamp (ID: 07031).....	<b>D</b> \$125	<b>W</b> \$375	<b>M</b> \$1,125



**RKI GX-6000 PID \$**

0-6000 ppm			
Unit w/10.6 eV Lamp (ID: 17729).....	<b>D</b> \$85	<b>W</b> \$255	<b>M</b> \$765



**▼ BENZENE-SPECIFIC**

**RAE Systems UltraRAE 3000 \$**

0.05–10,000 ppm VOC; 50 ppb–200 ppm Benzene			
Unit w/9.8 eV Lamp (ID: 08923).....	<b>D</b> \$168.75	<b>W</b> \$393.75	<b>M</b> \$1,125
Benzene Separation Tubes-10 pk. (ID: 01832): \$90			



**RKI GX-6000 Benzene Specific \$**

0-50 ppm PID			
Unit w/10.0 eV Lamp (ID: 16958).....	<b>D</b> \$116.25	<b>W</b> \$271.25	<b>M</b> \$775
Benzene Pre-filter Tubes-10 pk (ID: 16960): \$85; 50 pk (ID: 16961): \$375			



## Photo Ionization Detectors (cont.)



### Ion Science TIGER Select \$

0-200 ppm

Unit w/10.0 eV Lamp (ID: 17510) ..... **D** \$148.50    **W** \$316.50    **M** \$990

Benzene Pre-filter Tubes-10 pk (ID: 17182): \$65

**Accessories:** Regulators-0.5 LPM; 10 ppm, 100 ppm Isobutylene (17L-103L); Zero Air (17L-103L); Water Trap Filters

## Flame Ionization Detectors

### FEATURED ITEM



### Thermo Scientific TVA2020

The Thermo Scientific TVA2020 Toxic Vapor Analyzer is the only intrinsically-safe portable field analyzer using both flame ionization detection (FID) and photo ionization detection (PID) together. The TVA2020 can detect virtually all organic and inorganic compounds. It can be configured for use in diverse applications, including U.S. EPA Method 21 monitoring, site remediation, landfill monitoring, and general area surveys. This instrument is 21 percent lighter than earlier models and more compact than most FID stand-alone units.

0.001 to 150 mg/m3	Daily	Weekly	Monthly
FID only w/enhanced sample probe (ID: 17083) .....	\$250	\$650	\$1,950
Dual FID/PID w/enhanced sample probe (ID: 13551) .....	\$275	\$675	\$2,025



### Thermo Scientific TVA 1000 Vapor Analyzer PID/FID

PID: 0-2,000 ppm, FID: 0-50,000 ppm

TVA 1000B (ID: 08801)..... **D** \$225    **W** \$450    **M** \$1,350

**FID Calibration Accessories:** Regulators-0.5 LPM; TVA-1000 Spare H2 Tank; Carbon Tip Filter; Hydrogen Fuel Disposable Tank (600L); 500 ppm, 10,000 ppm Methane (17L-103L); 100 ppm Isobutylene (17L-103L)

## Multi-Parameter Gas Meters

### FEATURED ITEM



### RKI GX-2012 Multi-Gas Meter \$

The RKI GX-2012 4-Gas Meter has three operating modes. It can be used for confined space and safety monitoring in its Normal Operating mode; leak investigation in Leak Check mode; and underground leak checking in Bar Hole mode.

ppm, LEL, %Vol, O2, H2S, CO

4-Gas Meter (ID: 15019)..... **Daily** \$67.50    **Weekly** \$157.50    **Monthly** \$450



### RKI GX-3R Personal Monitor \$

LEL, O2, H2S, CO, CO2

5-Gas Meter (ID: 18866)..... **D** \$67.50    **W** \$157.50    **M** \$450

LEL, O2, H2S, CO, SO2

5-Gas Meter (ID: 18865)..... **D** \$67.50    **W** \$157.50    **M** \$450

\$ = sale item



**Multi-Parameter Gas Meters (cont.)**

**RKI GX-3R Confined Space Monitor \$**

LEL, O2, H2S, CO

4-Gas Meter (ID: 18864)..... **D** \$41.25    **W** \$96.25    **M** \$275



**Multi-Parameter Gas Meters w/PID Option**

**FEATURED ITEM**

**RKI GX-6000 4 Gas Meter \$**

The RKI GX-6000 monitors up to six gases simultaneously, including the standard four confined space gases (combustibles, O2, CO, H2S) and two additional smart channels that accept PID, IR, or super toxic sensors. The GX-6000 with PID offers a library of 600 VOCs to use as standards and features alarms; an internal sample pump; and, a lightweight, small, rugged IP-67 design. Applications include confined space entry, HazMat response, remediation site monitoring, perimeter monitoring, leak detection, and landfill monitoring.



	Daily	Weekly	Monthly
LEL-O2-H2S-CO (ID: 14643).....	\$67.50	\$157.50	\$450
PID Sensor (0-6000ppm) (ID: 14644).....	\$47.25	\$110.25	\$315
CO2 Sensor (0-10000ppm) (ID: 16817).....	\$45	\$105	\$300
CL2, HCN, NO2, NH3, SO2 Sensors (each).....	\$30	\$70	\$200

**Accessories:**

Regulators and calibration gases available. Please see the instrument webpage for details.

**RAE Systems MultiRAE Lite Pumped \$** 

ppm-LEL-O2-H2S-CO-Lilon, 0-1000 ppm

Unit w/10.6 eV Lamp (ID: 11140)..... **D** \$101.25    **W** \$236.25    **M** \$675



**RAE Systems MultiRAE Pumped \$** 

ppm-LEL-H2S-CO-O2-Lilon, 0-5000 ppm

Unit w/10.6 eV Lamp (ID: 10237)..... **D** \$146.25    **W** \$341.25    **M** \$975



**RAE Systems MultiRAE Pro Pumped \$** 

ppb-LEL-H2S-CO-O2-Lilon, 0-2000 ppb

Unit w/10.6 eV Lamp (ID: 10236)..... **D** \$150    **W** \$450    **M** \$1,250



**Accessory:** Confined Space and Calibration Kits (4-Gas + ISO) available.

**Particulate Monitors/Personal**
**FEATURED ITEM**

**TSI SidePak AM520 Personal Aerosol Monitor** 

The TSI SidePak™ Personal Aerosol Monitor AM520 is a small, portable, battery-operated, data-logging, light-scattering laser photometer providing real-time aerosol mass concentration readings of dusts, fumes, mists, smoke and fog within a breathing zone. Newly designed inlet conditioners increase the mass concentration capability and provide size fraction cut points for PM 10 , PM 4 (Respirable), PM 5 (China Respirable), PM 2.5 , PM 1 and 0.8 µm Diesel Particulate Matter (DPM).

0.1–10 µm particle size  
 (ID: 17818) ..... **Daily** \$165      **Weekly** \$385      **Monthly** \$1,100


**TSI SidePak AM510 Personal Aerosol Monitor**

0.1–10 µm particle size  
 (ID: 01562)..... **D** \$135      **W** \$315      **M** \$900


**SKC Haz-Dust I Real-Time Particulate Monitor**

0.01 to 200 µg/m<sup>3</sup>  
 (ID: 08759)..... **D** \$108.75      **W** \$253.75      **M** \$725


**Thermo Scientific pDR-1000**

0.001–400 mg/m<sup>3</sup>  
 (ID: 00117) ..... **D** \$114.75      **W** \$267.75      **M** \$765

**Accessory:**

Rechargeable Battery NiMH (ID: 00445) ..... **D** \$15      **W** \$45      **M** \$135


**Thermo Scientific pDR-1500**

0.001–400 mg/m<sup>3</sup>  
 (ID: 09069)..... **D** \$157.50      **W** \$367.50      **M** \$1,050


**TSI DustTrak II Desktop Model Aerosol Monitor 8533** 

0.001 to 150 mg/m<sup>3</sup>  
 (ID: 14882)..... **D** \$285      **W** \$675      **M** \$1,900

**TSI DustTrak II Desktop Model Aerosol Monitor 8530** 

0.001 to 400 mg/m<sup>3</sup>  
 (ID: 07657) ..... **D** \$150      **W** \$400      **M** \$1,200

**Accessory:**

Environmental Enclosure w/ Tripod 8535 (ID: 07660) .. **D** \$78.75      **W** \$183.75      **M** \$525


**TSI P-Trak 8525 Ultrafine Particle Counter**

0.02–1 micron, EQSQ Class 3  
 0 to 5 x 10<sup>5</sup> particles/cm<sup>3</sup>  
 (ID: 00829)..... **D** \$179.25      **W** \$418.25      **M** \$1,195





# Dedicated to Gas Detection for Life



Having the most advanced, accurate gas monitoring devices is critical to everyone. We understand this and seek to answer the need for every industry and application.

RKI has a number of portable gas detection and fixed monitoring solutions for the environmental industry. We offer portable multi-gas detectors, portable single gas monitors, fixed system controllers, fixed system gas detector heads, and specialty products.

Established in 1994 as a leading manufacturer of gas detectors, RKI has partnered with Riken Keiki Co., Ltd., the world leader in gas detection and sensor technologies for 70 years. RKI has developed its advanced line of products around their sensors.

**RKI GX-2012 Confined Space Multi-Gas Meter**



**RKI Eagle 2 Monitors up to 6 Different Gases**



**RKI GX-2009 Confined Space Multi-Gas Meter Simultaneous Detection of 4 Gases**



**RKI GX-6000 6 Gas Sample Draw with PID and Super Toxics**



**Call your local FEI today to order!**

Field Environmental Instruments  
**PARTNER**

## Particulate Monitors/Perimeter

### FEATURED ITEM



#### TSI DustTrak II Desktop Model Aerosol Monitor 8530

The TSI DustTrak II and DustTrak DRX Aerosol Monitors are battery-operated, data-logging, light-scattering laser photometers. The monitors provide real-time mass concentration readings for aerosol contaminants such as dust, smoke, fumes, and mist. The sheath air system isolates the aerosol in the optics chamber to keep the optics clean for improved reliability and low maintenance. Applications include harsh industrial workplaces, construction, environmental cleanup, and office settings.

	Daily	Weekly	Monthly
0.001 to 400 mg/m <sup>3</sup> (ID: 07657) .....	\$150	\$400	\$1,200
Environmental Enclosure & Tripod 8535 (ID: 07660).....	\$78.75	\$183.75	\$525



#### Thermo Scientific ADR-1500

Area monitoring

0.001-400 mg/m<sup>3</sup>

(ID: 08883).....	<b>D</b> \$225	<b>W</b> \$525	<b>M</b> \$1,500
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#### Met One ES-642 Remote Particulate Monitor

(ID: 13750) .....	<b>D</b> \$135	<b>W</b> \$315	<b>M</b> \$900
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#### Met One E-BAM Mass Monitor

PM 10 (ID: 11523).....	<b>D</b> \$175	<b>W</b> \$500	<b>M</b> \$1,500
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#### Met One E-SAMPLER Dual Ambient Particulate Monitor

(ID: 14422) .....	<b>D</b> \$180	<b>W</b> \$420	<b>M</b> \$1,200
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#### Met One Accessories:

E-Sampler/E-BAM Mass Monitor Tripod (ID: 11573).....	<b>D</b> \$15	<b>W</b> \$35	<b>M</b> \$85
Sharp Cut Cyclone PM2.5 for E-Sampler, ES-642 (ID: 13855).....	<b>D</b> \$28.15	<b>W</b> \$65.65	<b>M</b> \$187.50
Sharp Cut Cyclone PM10 for E-Sampler, ES-642 (ID: 13751) .....	<b>D</b> \$26.25	<b>W</b> \$61.25	<b>M</b> \$175
E-BAM PM 2.5 Inlet Assembly (ID: 11578).....	<b>D</b> \$25	<b>W</b> \$50	<b>M</b> \$150
E-BAM Wind and Speed Direction Combo Sensor (ID: 11637) .....	<b>D</b> \$25	<b>W</b> \$50	<b>M</b> \$150

\$ = sale item

Air

**Particulate Monitors/Perimeter (cont'd)**

**Tisch TE 1000 PUF Air Sampler Monitor**

(ID: 11521).....**D** \$101.25    **W** \$236.25    **M** \$675

**Accessory:**

Tisch TE 5040 PUF Air Sampler

Calibration Kit (ID: 11522).....**D** \$25    **W** \$60    **M** \$180



**Gas Chromatographs**

**FEATURED ITEM**

**Defiant FROG 4000 Gas Chromatograph Platform w/Air Sampler**

The Defiant FROG 4000 is a handheld micro system for detection of benzene, toluene, ethylbenzene, xylenes (BTEX), and other VOCs in air, water, and soil. The system incorporates a micro pre-concentrator that is coated with a designer nanoporous material and has an integrated heater for thermal desorption. Applications include environmental monitoring, industrial hygiene, indoor air quality, process monitoring, and laboratory and field analysis.

(ID: 14711).....**Daily** \$675    **Weekly** \$1,575    **Monthly** \$4,500



**Gas/Mercury/Helium/Hydrogen Analyzers**

**FEATURED ITEM**

**Dielectric Helium Leak Detector MGD-2002**

The Dielectric Helium Leak Detector MGD-2002, designed for one-handed operation of all functions, performs with either helium or hydrogen as a tracer gas. This instrument offers accuracy with sensitivity from 25 ppm and operates in automatic (survey) or manual mode. Features include a replaceable moisture-removing cartridge and a lightweight telescoping ground probe.

25 ppm-100%

(ID: 05510).....**Daily** \$225    **Weekly** \$525    **Monthly** \$1,500



**Jerome 631-X H2S Analyzer** (ID: 08610) ..... **D** \$337.50    **W** \$787.50    **M** \$2,250  
0.003-50 ppm H2S



**Testo 350XL Portable Emission Analyzer**

O2-CO-NO-NO2-Temp (ID: 09185) ..... **D** \$270    **W** \$630    **M** \$1,800  
O2-CO-CO2(NDIR)-NO-NO2-Temp (ID: 12971) ..... **D** \$285    **W** \$850    **M** \$2,550  
SO2 (0-5,000 ppm) Sensor (ID: 09186) ..... **D** \$35    **W** \$105    **M** \$315



**Gas/Mercury/Helium/Hydrogen Analyzers (cont'd)**

**Ion Science GasCheck G2 Helium Detector \$**

Up to 100%

 (ID: 07491) ..... **D** \$85      **W** \$190      **M** \$570

**H2scan HY-ALERTA 500 Handheld Hydrogen Leak Detector**

15 ppm-100% H2 by Vol

 (ID: 10343)..... **D** \$135      **W** \$315      **M** \$900

**Jerome J405 Mercury Vapor Analyzer** 

0.5 - 999 µg/m3

 (ID: 17622) ..... **D** \$397.50      **W** \$927.50      **M** \$2,650

**Jerome 431-X Mercury Vapor Analyzer**

0.003-.999 mg/m3

 (ID: 00760) ..... **D** \$187.50      **W** \$472.50      **M** \$1,350

**Lumex 915 Mercury Vapor Analyzer**

Ambient air detection limit 2ng/m3

Sample volume or weight 20L/min

 (ID: 11525)..... **D** \$500      **W** \$1,500      **M** \$4,000

**Accessories:**

 RP Liquids Analysis Attachment (ID: 11526) ..... **D** \$300      **W** \$900      **M** \$2,700

 RPC Solids Analysis Attachment (ID: 11527)..... **D** \$300      **W** \$900      **M** \$2,700

**ECOM-D Gas Analyzer**

O2-CO-NO-NO2

 (ID: 16230)..... **D** \$180      **W** \$420      **\$**1,200

\$ = sale item

Air

**Landfill Gas/Methane Analyzers**

**FEATURED ITEM**

**RKI Eagle 2 \$**

Housed in a weather and chemical-resistant enclosure, the RKI EAGLE 2 is an ergonomically-correct, six-gas sample-drawing monitor. Unique features include PPM or LEL hydrocarbon detection at the push of a button; infrared sensors for CO2, methane, or hydrocarbons in LEL and % volume ranges; PID sensor for detecting high and low ppm levels (0-50 & 0-2,000) of VOC gases; methane elimination feature for environmental applications; and a list of super toxic gases and measurable ranges.



	Daily	Weekly	Monthly
CH4 (100% LEL, 100% Vol, IR Auto)-O2-H2S-CO-VOCs, 0-2000ppm (ID: 12260).....	\$135	\$315	\$900
CH4 (100% LEL, 100% Vol IR Auto)-O2-CO-H2S-CO2, 60% Vol IR (ID: 14221) .....	\$135	\$315	\$900

**FEATURED ITEM**

**FLIR GF320 Thermal Imaging Camera**

The FLIR GF320 infrared camera can scan large areas rapidly and pinpoint leaks in real time, to trace leaks to the source, to save money, and to help the environment. This camera is capable of detecting methane and fugitive VOC emissions from the production, transportation, and use of oil and natural gas. It is fully calibrated for temperature measurement applications. Optical Gas Imaging (OGI) reduces risk of exposure; and, embedded GPS data enables precision.



CH4 Gas Leak Detection (ID: 14174) .....	Daily \$2,100	Weekly \$4,900	Monthly \$14,000
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**Bascom-Turner Gas Explorer Detector**

Natural Gas-CO-H2S-O2 (ID: 10712) .....	D \$112.50	W \$262.50	M \$750
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**Bascom-Turner Rover Detector**

Natural Gas (ID: 10203) .....	D \$135	W \$315	M \$900
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**Landtec GEM-2000**

%LEL-CH4 %vol-O2-CO2 (ID: 06776).....	D \$225	W \$525	M \$1,575
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**Landtec GEM-2000 Plus**

%LEL-CH4 %vol-O2-CO2-CO-H2S (ID: 08416).....	D \$235	W \$555	M \$1,665
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**Landfill Gas/Methane Analyzers (cont.)**

**Landtec Model GEM-5000**

%LEL-CH4 %vol-O2-CO2

 (ID: 12676)..... **D** \$250      **W** \$645      **M** \$1,935

**Landtec Model GEM-5000 Plus**

%LEL-CH4 %vol-O2-CO2-CO-H2S

 (ID: 12238)..... **D** \$275      **W** \$675      **M** \$2,025

**Landtec Model SEM-5000 Methane Detector**

Rental of SEM-5000 requires Methane and Zero Air gas purchase

 (ID: 17880)..... **D** \$450      **W** \$1050      **M** \$3,000

**Radiation**
**FEATURED ITEM**

**Ludlum Model 3 Radiation Monitor**

The Ludlum Model 3 is a general purpose, handheld analog rate meter that supports GM, proportional, and scintillation detectors. The meter comes in a variety of measurement ranges and units to support the external radiation detector selected. Front panel controls include a rotary switch for selecting the four-decade range, instrument shut-off, battery test button, audio on/off switch, fast/slow response switch, and a count reset button.

	Daily	Weekly	Monthly
Unit w/44-6" GM Probe, Beta, Gamma (ID: 12593).....	\$47.25	\$110.25	\$315
Unit w/44-9" Pancake GM Probe, Alpha, Beta, Gamma (ID: 12186).....	\$47.25	\$110.25	\$315


**Ludlum Model 19 Radiation Monitor**

microR/Ratemeter

Low-level Gamma

 (ID: 12185)..... **D** \$67.50      **W** \$157.75      **M** \$450

**Ludlum Model 2221 Radiation Monitor**

Ratemeter/Scaler

Unit w/RS-232 Output and 44-10 Probe

 (ID: 13777)..... **D** \$165      **W** \$385      **M** \$1,100

\$ = sale item

Radiation (cont.)

**Victoreen 451B (Survey Meter w/Beta Slide)**

Alpha, Beta, Gamma

0-50 R/h

(ID: 04015).....**D** \$90      **W** \$210      **M** \$600



**Victoreen 990 Advanced Survey Meter w/489-110 GM Probe**

Alpha, Beta, Gamma, X-ray

(ID: 07495).....**D** \$90      **W** \$210      **M** \$600



Confined Space

**FEATURED ITEM**

**French Creek Confined Space Rescue and Retrieval System \$**

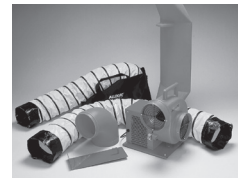
The French Creek R50G Unit, with a 50' galvanized wire rope, is a self-retracting lifeline capable of raising and lowering a worker, for rescue or retrieval. The unit locks up to arrest the fall of a worker and can then be activated into winch mode, raising or lowering the individual to safety. The R50G also has a friction brake that prevents the crank handle from free-wheeling while under a load. The unit is manufactured of a rugged, lightweight cast aluminum housing and is mounted on the French Creek TP7 Tripod. It includes a #45 split pulley and carabiner.



Unit w/Tripod, Winch, SRL-50' (ID: 12457)... **Daily** \$175      **Weekly** \$385      **Monthly** \$1,100

**Allegro AC Axial Ventilation Blower**

8" Axial Blower / 15' Duct (ID: 01595).....**D** \$33.75      **W** \$78.75      **M** \$225



**Allegro Standard Blower System w/MVP**

High Output Centrifugal Blower System

(ID: 01541).....**D** \$45      **W** \$105      **M** \$300



**Elk River EZE-Man Confined Space System**

Unit w/Tripod, Winch, SRL-50' (ID: 08376).....**D** \$175      **W** \$385      **M** \$1,100



Note: Harness sold separately. Ask your customer account representative for details.

FEI provides accurate real-time data monitoring with its

# CAMP System with FDSConnect®

Durable and Weather-Resistant  
Lockable Enclosure

Integrated Particulate Monitor  
and VOC Detectors

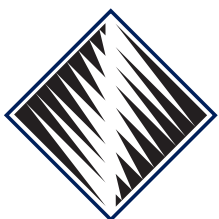
Integrated 4G LTE Cellular Modem  
Supports serial or  
ethernet connection

## Featured Equipment

- Photo-Ionization detectors
- Aerosol monitors
- Particulate monitors
- Sound monitors
- Weather stations

## What can the CAMP System provide me?

- Automated real-time alerts
- Rapid deployment configurations
- Long-term deployment configurations
- Unattended data logging
- GPS-enabled instrumentation
- High reliability and durability
- Aggregation of data on customized Web UI
- 24/7/365 Tech Support



**FIELD ENVIRONMENTAL  
INSTRUMENTS, INC.**

See page 21 for more information on our FDS Connect® Real-Time Data Platform





## Air Sampling Pumps

### ▼ LOW FLOW

#### FEATURED ITEM



#### Gilian Low Flow Air Sampling Pump

The Gilian Low Flow Air Sampling Pump is a rugged, reliable, and compact sampling system for industrial hygiene and environmental sampling employment of single or multiple sorbent tubes and gas sampling bags.

1–350 mL/min (ID: 00622) ..... **Daily** \$26.25    **Weekly** \$61.25    **Monthly** \$175

### ▼ HIGH FLOW

#### FEATURED ITEM



#### Casella Apex2 IS Plus Sampling Pump \$

The Casella Apex2 IS Plus personal sampling pump is the next generation technology, offering class beating performance with great new features. Bluetooth-enabled for remote monitoring and operation, ergonomic design, and simple performance.

1000-5000 mL/min  
(ID: 15921)..... **Daily** \$45    **Weekly** \$105    **Monthly** \$300



#### Casella Tuff 4 Air Sampling Pump

.05–4.5 L/min

IS Plus Pump w/Enhanced Battery Pack (ID: 09840) ..... **D** \$33.75    **W** \$78.75    **M** \$225

*\*Also available as a 3-pack*

**Accessory:** Low Flow Adapter for use 50mL–1L (ID: 13679)..... **D** \$5    **W** \$10    **M** \$30



#### Gilian 12 HFS Pump

4–12 L/min

(ID: 16031) ..... **D** \$56.25    **W** \$131.25    **M** \$375



#### Zefon Bio-Pump Plus

15 L/min

(ID: 11734) ..... **D** \$35    **W** \$75    **M** \$225



#### SKC Leland Legacy High Flow Sampling Pump

5–15 LPM

(ID: 16852)..... **D** \$56.25    **W** \$131.25    **M** \$375



#### Xitech High Vacuum Air Sampler

Model H: 1–6.5 L/min

(ID: 16281)..... **D** \$52.50    **W** \$122.50    **M** \$350

\$ = sale item

Air Sampling Pumps (cont'd) Erie, Pennsylvania

▼ HIGH VOLUME

**FEATURED ITEM**

**Gilian AirCon-2 High Volume Air Sampling Pump**

The Gilian AirCon-2 sampler is a high-volume unit with an extended flow range designed for collecting particulate samples in a given plant area. It is ideal for asbestos background and clearance sampling following NIOSH, OSHA, or EPA methodology and for ambient dust monitoring. The AirCon-2 System is available in a programmable version.



5-30 L/min (ID: 13621).....	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
Aircon-2 Standard Battery Pack (ID: 13637).....	\$78.75	\$183.75	\$525
	\$22.50	\$52.50	\$150

**Allegro T100 Rotary Vane Sampling Pump**

Up to 20 L/min  
(ID: 06649) ..... **D** \$26.25    **W** \$61.25    **M** \$175



▼ CALIBRATORS AND VACUUM CHAMBERS

**FEATURED ITEM**

**Casella CEL Flow Detective Plus Kit \$** 📶

The Flow Detective is an easy-to-use, all-in-one airflow calibrator that is suitable for all types of air sampling pumps for flows from 20 mL/min to 5 L/min. It is a rugged, portable, compact calibrator, which removes the need to purchase multiple flowmeters. This minimizes set up prior to undertaking calibrations, and saves on purchasing costs. Use the Airwave App on any Bluetooth smartphone to connect remotely to the Flow Detective to send calibration and location information via email.



02-5L/min  
(ID: 17702)..... **Daily** \$67.50    **Weekly** \$157.50    **Monthly** \$450

**SKC Vac-U-Chamber**

1 Liter (ID: 01493).....	<b>D</b> \$25	<b>W</b> \$52.50	<b>M</b> \$150
10 Liter (ID: 04528) .....	<b>D</b> \$25	<b>W</b> \$75	<b>M</b> \$175



**Bios Defender 510 Primary Air Flow Calibrator**

3 Ranges Available

Low: 5mL-500mL/min (ID: 10280).....	<b>D</b> \$67.50	<b>W</b> \$157.50	<b>M</b> \$450
Medium: 50mL-5,000mL/min (ID: 10281).....	<b>D</b> \$67.50	<b>W</b> \$157.50	<b>M</b> \$450
High: 300mL-30,000mL/min (ID: 10282).....	<b>D</b> \$67.50	<b>W</b> \$157.50	<b>M</b> \$450



**Zefon Deluxe All-in-One Bag Sampling Chamber \$**

(ID: 14205) ..... **D** \$67.50    **W** \$157.50    **M** \$450

## Indoor Air Quality Monitors

### ▼ AIR FLOW

#### FEATURED ITEM



Instrument without probe

#### TSI 9565 VelociCalc Plus

The portable, handheld TSI VelociCalc 9565 features a menu-driven user interface for easy operation. On-screen prompts and step-by-step instructions guide the user through instrument setup, operation, and field calibration. The large screen displays up to five measurements simultaneously. The VelociCalc 9565 measures air velocity, temperature, relative humidity, and differential pressure.

	Daily	Weekly	Monthly
Temp-Vel-Vol-Pres-rH-Dew-Wet Bulb-Heat			
Unit w/Articulating Probe (ID: 11832).....	\$93.75	\$218.75	\$625
Unit w/Straight Probe (ID: 16691).....	\$86.25	\$201.25	\$575



#### Dwyer Digital Thermo-Anemometer

Vel-Vol-Temp (ID: 15062).....	<b>D</b> \$18.75	<b>W</b> \$43.78	<b>M</b> \$125
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#### Fluke 922 Airflow Meter

Pressure-Vel-Vol-Temp (ID: 09096).....	<b>D</b> \$26.25	<b>W</b> \$61.25	<b>M</b> \$175
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#### TSI VelociCalc 5725 Rotating Vane Anemometer

Temp-Vel-Vol (ID: 07835).....	<b>D</b> \$47.25	<b>W</b> \$110.25	<b>M</b> \$315
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### ▼ AIR QUALITY



#### TSI Q-Trak 7575 IAQ Monitor

CO-CO2-Temp-Humidity (ID: 10347).....	<b>D</b> \$112.50	<b>W</b> \$262.50	<b>M</b> \$750
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#### TSI Q-Trak 7565 IAQ Monitor

CO-CO2-Temp-Humidity (ID: 08044).....	<b>D</b> \$112.50	<b>W</b> \$262.50	<b>M</b> \$750
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\$ = sale item

Indoor Air Quality Monitors (cont.)

**Fluke 975 AirMeter**

CO-CO2-Temp-RH

(ID: 10395) ..... **D** \$112.50    **W** \$262.50    **M** \$750



**PortaSens II Handheld Ozone Detector Model C16**

Interchangeable sensors measure over 30 gases

(ID: 11623)..... **D** \$78.75    **W** \$183.75    **M** \$525

**Accessories:**

Ozone Sensor-0-0.5 ppm (ID: 16476) ..... **D** \$56.25    **W** \$131.25    **M** \$375

Phosgene Sensor-0-02 ppm (ID: 12199)..... **D** \$71.25    **W** \$166.25    **M** \$475



Hand Pumps

**RAE Systems Piston Hand Pump \$**

**FEATURED ITEM**

The RAE Systems Piston Hand Pump makes it easy to manually measure the presence of toxic and combustible gases. This hand-powered pump works seamlessly with RAE Systems colorimetric tubes. The ergonomic, durable device features a spring-less piston design and solid metal construction and can be used even with multiple layers of gloves. A built-in counter keeps track of the number of strokes, providing a reliable way to draw 50 mL and 100 mL samples for accurate readings.

(ID: 01768) ..... **Daily** \$15    **Weekly** \$35    **Monthly** \$100

**Supplies for Sale:**

RAE Systems Colorimetric Tubes ..... \$39



**Drager Accuro Hand Pump**

(ID: 00021)..... **D** \$33    **W** \$77    **M** \$220

Drager Tubes Available.....Call for pricing



**Drager CMS Analyzer**

(ID: 06329) ..... **D** \$67.50    **W** \$157.50    **M** \$450

Drager Chips Available .....Call for pricing



**Gastec GV100 Piston Style Hand Pump**

(ID: 13622) ..... **D** \$30    **W** \$70    **M** \$200



## Sound

### FEATURED ITEM

#### Casella CEL-633 Real Time Octave Band Analyzer \$

The Casella CEL-633 model is designed to provide complete knowledge of the variable noise climate over an extended period of time. A 120-dB dynamic range means that the user does not need to select scales as the meter will always be on the right range. With simultaneous popular frequency and time weightings, new and experienced users can take many different noise measurements. The CEL-633 features a full-color, high-precision, graphic LCD screen, and audio recording is possible. The instrument is suited for almost any industrial or environmental measurement requirement.



	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
Type 1 (ID: 12363) .....	\$168.75	\$393.75	\$1,125
Type 2 (ID: 15262).....	\$146.25	\$341.25	\$975
Outdoor Enclosure Protection			
Complete System (ID: 12362).....	\$67.50	\$157.50	\$450

#### Casella CEL-240 Digital Sound Level Meter \$

30-130 dB

(ID: 09494)..... **D** \$33.75    **W** \$78.75    **M** \$225



#### Casella CEL-282 Acoustic Calibrator

114 dB

Type 1 (ID: 00613); Type 2 (ID: 15261) ..... **D** \$15    **W** \$25    **M** \$75

#### Casella CEL-350IS dBadge Series Noise Dosimeter \$

65-140 dB / 180 Hour Datalogging

Single (ID: 11060) ..... **D** \$56.25    **W** \$131.25    **M** \$375  
 3-pack dBadge units & multi-charger (ID: 09569)..... **D** \$165    **W** \$385    **M** \$1,100



Field Data Solutions provides the newest advancement with

# The FDSConnect® Real-Time Data Monitoring Platform

Our data platform provides accurate, real-time data for air and water quality monitoring. We work with you to customize your project.



Web Interface can produce visualizations of

- Dust concentration
- VOC concentration
- Wind direction
- Water quality measurements
- And many more!

Why choose FDSConnect®?

- Real-time monitoring
- Real-time reports alerts
- Automated reporting
- Secured servers for data storage
- Visualization of parameters from multiple sensors
- Optional public viewer

Screenshot from Web User Interface



What will I get with FDSConnect®?

- Out of the box deployment
- Integrated instrumentation
- Integrated wireless communication
- Personalized Web User Interface
- 24/7/365 Tech Support



## Low-Flow Monitoring

### FEATURED ITEM



### Aquaread AP 2000-D Low Flow Package \$ ☎ New

The AquaRead AP 2000-D, an advanced portable multiparameter water monitoring probe, simultaneously measures Turbidity, Optical DO, EC, pH, ORP, Depth, Temperature and ISE, in a diameter under two inches. The probe is made of marine-grade anodized aluminum to withstand all environments. The extension cables are uniquely designed with rugged, metal connectors and a KevlarCore (internal strands of Kevlar that provide extra tensile strength). The waterproof handheld has a GPS receiver for location tagging with every dataset for viewing on Google Earth and a built-in air pressure sensor for atmospheric compensation.

	Daily	Weekly	Monthly
Turb-ODO-EC-pH-ORP-Temp-Depth-R-S			
Unit w/3M Cable (ID: 17926) .....	\$150	\$350	\$1,000
Flow Cell (ID: 17927) .....	\$13.50	\$31.50	\$90
10M Cable (ID: 17929) .....	\$15.75	\$36.75	\$105
20M Cable (ID: 17930) .....	\$18.75	\$43.75	\$125
30M Cable (ID: 17931).....	\$24	\$56	\$160

### FEATURED ITEM



### Eureka Manta+20 MP Low-Flow Package \$ ☎ New

The easy-to-use Eureka Manta+20 plugs into a USB port and displays live water quality data a few seconds later. Most users teach themselves the Manta operating software in about 15 minutes. It is a sturdy and durable sonde for use in all climates, offers a 20-hour battery life with full charge, provides Bluetooth connectivity, and houses a USB port for downloading data to personal Android devices.

	Daily	Weekly	Monthly
Temp-Cond-pH-ORP-ODO			
Unit w/5M Cable (ID: 17829) .....	\$155	\$365	\$1,145
Android 7" Tablet (ID: 17830).....	\$15	\$35	\$100
Samsung Galaxy Note 3 N900A (ID: 17865).....	\$15	\$35	\$100

### FEATURED ITEM



### YSI Pro DSS \$

The YSI ProDSS (digital sampling system) is a portable water quality multiparameter instrument for the measurement of several critical parameters. Designed for use in applications such as surface water, groundwater, coastal/estuarine, and aquaculture, the rugged and reliable ProDSS allows for the measurement of water quality parameters with digital sensors. The ProDSS uses smart, user-replaceable sensor technology that can be connected in any port and automatically recognized by the handheld while retaining the calibration data.

	Daily	Weekly	Monthly
Unit only-no GPS (ID: 13890).....	\$50	\$125	\$375
4M Sonde w/pH/ORP, Cond/Temp, ODO, Turb, No Depth (ID: 13891) .....	\$125	\$375	\$1,125
10M Sonde w/ pH/ORP, Cond/Temp, ODO, Turb, No Depth (ID: 14183) .....	\$125	\$375	\$1,125
30M Sonde pH/ORP, Cond/Temp, ODO, Turb, Depth (ID: 15689) .....	\$150	\$450	\$1,350
YSI Pro DSS/EXO1 Flow-Thru Cell (ID: 12720) .....	\$15	\$25	\$75



\$ = sale item

Low-Flow Monitoring (cont'd)

**Hanna 98194 Waterproof Portable Meter \$**

pH-ORP-EC-TDS-R-S-DO-ATM Pressure-T

Unit w/4M Cable (ID: 16944).....	<b>D</b> \$93.75	<b>W</b> \$218.75	<b>M</b> \$625
Unit w/10M Cable (ID: 17065).....	<b>D</b> \$101.25	<b>W</b> \$236.25	<b>M</b> \$675
Unit w/20M Cable (ID: 17066).....	<b>D</b> \$108.75	<b>W</b> \$253.75	<b>M</b> \$725
Unit w/40M Cable (ID: 17067).....	<b>D</b> \$123.75	<b>W</b> \$288.75	<b>M</b> \$825
Flow Cell - long quick release (ID: 17031).....	<b>D</b> \$17.25	<b>W</b> \$40.25	<b>M</b> \$115



**Aquaread AP 800 \$** 

pH-DO-EC-Temp-Sal-ORP-TDS-Resistivity-Turb

Unit w/3M Cable (ID: 18235).....	<b>D</b> \$120	<b>W</b> \$280	<b>M</b> \$800
Flow Cell (ID: 17927).....	<b>D</b> \$13.50	<b>W</b> \$31.50	<b>M</b> \$105



**Horiba U-50 Series \$**

pH-DO-Cond-Temp-Sal-Turb-ORP-TDS

U-52 Unit w/2M Cable (ID: 07416).....	<b>D</b> \$105	<b>W</b> \$315	<b>M</b> \$945
Flow Cell (ID: 07418).....	<b>D</b> \$15	<b>W</b> \$35	<b>M</b> \$105



**QED MP20DT**

pH-DO-Cond-Temp-ORP-Sal-TDS-Turb

Unit w/4M Cable, Flow Cell (ID: 09067).....	<b>D</b> \$150	<b>W</b> \$450	<b>M</b> \$1,350
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**Aquaread AP 700 \$** 

pH-DO-EC-Temp-Sal-ORP-TDS-Resistivity

Unit w/3M Cable (ID: 18234).....	<b>D</b> \$105	<b>W</b> \$245	<b>M</b> \$700
Flow Cell (ID: 17927).....	<b>D</b> \$13.50	<b>W</b> \$31.50	<b>M</b> \$105



**YSI 556**

pH-DO-Cond-Temp-ORP-Sal-TDS

Unit Only (ID: 01494).....	<b>D</b> \$50	<b>W</b> \$150	<b>M</b> \$450
Unit w/Baro (ID: 03391).....	<b>D</b> \$55	<b>W</b> \$165	<b>M</b> \$495
4M Cable (ID: 08918).....	<b>D</b> \$55	<b>W</b> \$165	<b>M</b> \$450
20M Cable (ID: 01972).....	<b>D</b> \$75	<b>W</b> \$200	<b>M</b> \$525
Flow Cell (ID: 00582).....	<b>D</b> \$5	<b>W</b> \$15	<b>M</b> \$45



### Low-Flow Monitoring (cont'd)



#### In-Situ smarTroll™ Multiparameter Handheld ☺

Unit w/5' Cable Low Flow Kit (ID: 13336) .....	<b>D</b> \$155	<b>W</b> \$365	<b>M</b> \$1,145
Unit only (ID: 13266) .....	<b>D</b> \$135	<b>W</b> \$315	<b>M</b> \$1,000
Flow-Thru Cell (ID: 13267) .....	<b>D</b> \$5	<b>W</b> \$15	<b>M</b> \$45
5' Cable (ID: 13264).....	<b>D</b> \$15	<b>W</b> \$35	<b>M</b> \$100
15' Cable (ID: 13745).....	<b>D</b> \$25	<b>W</b> \$55	<b>M</b> \$105
30' Cable (ID: 13746).....	<b>D</b> \$30	<b>W</b> \$65	<b>M</b> \$130
100' Cable (ID: 13747).....	<b>D</b> \$35	<b>W</b> \$75	<b>M</b> \$200
iPod Mobile Device (ID: 13179) .....	<b>D</b> \$15	<b>W</b> \$35	<b>M</b> \$100
Android 7" Tablet (ID: 16429).....	<b>D</b> \$15	<b>W</b> \$35	<b>M</b> \$100
iPad Mini Mobile Device (ID: 15460) .....	<b>D</b> \$22.50	<b>W</b> \$52.50	<b>M</b> \$150



#### YSI 6920 V2 Sonde

pH-DO-Cond-Temp-ORP-Sal-TDS-Turb Unit w/8' Cable, Flow Cell (ID: 07511).....	<b>D</b> \$125	<b>W</b> \$425	<b>M</b> \$1,275
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#### Accessories for YSI 6920 V2 Sonde:

50' Cable (ID: 00703).....	<b>D</b> \$25	<b>W</b> \$50	<b>M</b> \$150
100' Cable (ID: 00189).....	<b>D</b> \$30	<b>W</b> \$60	<b>M</b> \$175
150' Cable (ID: 10345) .....	<b>D</b> \$35	<b>W</b> \$75	<b>M</b> \$200



#### YSI 650 Handheld

(ID: 08590).....	<b>D</b> \$50	<b>W</b> \$150	<b>M</b> \$450
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# No Wires? No Problem.

The future of site monitoring lies squarely in real-time, wireless technology. It's higher quality, more efficient, and cost-effective. As important, it frees up staff time to focus on other key projects and initiatives.

## **Growing demand for wireless instruments.**

Meeting complex site monitoring requirements while keeping costs low have increased demand for real-time wireless technology. For this reason, FEI maintains an inventory of the most advanced wireless equipment so our customers have no problem renting what they need, when they need it.

## **Matching equipment to project requirements.**

Technical expertise keeps FEI several steps ahead of other industry suppliers. We know the equipment and have built our business on knowing how to help you solve problems. Behind every rental stands a team of experts ready to advise, train and install equipment.

## **Need help identifying wireless equipment?**

No problem. Just look for the wireless icon next to the name.



## **Want to know if something is available for sale?**

You will see a "\$" next to the instrument name.



**FIELD ENVIRONMENTAL  
INSTRUMENTS, INC.**

**fieldenvironmental.com**

## Long-Term Monitoring

### FEATURED ITEM

#### YSI EXO Water Quality Sonde

A smart, field-ready water monitoring platform, EXO offers a wide range of capabilities to those dedicated to monitoring natural aquatic environments.

#### SONDE

	Daily	Weekly	Monthly
YSI EXO2 Sonde w/100M Depth Sensor-6 port (ID: 15097) .D	\$110	\$375	\$975
YSI EXO1 Sonde w/100M Depth Sensor-4 port (ID: 12485) .D	\$110	\$375	\$975

#### HANDHELD UNIT

	D	W	M
YSI EXO Handheld Display (ID: 12503).....	\$101.25	\$236.25	\$675
YSI EXO1 USB Adapter (ID: 12197) .....	\$9.75	\$22.75	\$65

#### SENSORS (choose 6 for EXO2; choose 4 for EXO1)

	D	W	M
pH/ORP Sensor (ID: 12592) .....	\$15	\$45	\$135
Cond/Temp Sensor (ID: 12385) .....	\$25	\$50	\$150
ODO Sensor (ID: 12384) .....	\$45	\$130	\$390
Turbidity Sensor (ID: 12527) .....	\$45	\$125	\$375
Chloride Sensor (ID: 12732) .....			Call for price
Ammonium Sensor (ID: 12733) .....			Call for price
Nitrate Sensor (ID: 12734) .....			Call for price
fDOM (dissolved organic matter) Sensor (ID: 12735) .....			Call for price
Total Algae (chlorophyll + BGA) Sensor (ID: 12736) .....			Call for price
Sensor Central Wiper—EXO2 Only (ID: 15098) .....	\$41.25	\$96.25	\$275
Flow Cell (ID: 12720) .....	\$15	\$25	\$75

#### FIELD CABLE

	D	W	M
4M Cable (ID: 12731) .....	\$15	\$35	\$105
10M Cable (ID: 12504).....	\$15	\$45	\$135
15M Cable (ID: 12721).....	\$15	\$45	\$135
33M Cable (ID: 12722).....	\$25	\$65	\$195
66M Cable (ID: 12723).....	\$35	\$100	\$300
100M Cable (ID: 12724).....	\$45	\$130	\$390



#### Global Water Datalogger GL500U-2-1 \$

Unit w/Environmental Enclosure (ID: 16931).....	D \$34.50	W \$80.50	M \$230
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#### Sensors and probes:

WL400 Level Sensor w/25' Cable - 0'-15' Range (ID: 11513).....	D \$25	W \$52.50	M \$150
WL400 Level Sensor w/25' Cable - 0'-30' Range (ID: 13026) ....	D \$25	W \$52.50	M \$150
WL400 Level Sensor w/100' Cable - 0'-60' Range (ID: 14471)...	D \$25	W \$52.50	M \$150
Probe-pH WQ201 w/25' Cable (ID: 12992) .....	D \$56.25	W \$131.25	M \$375
Probe-Temp WQ101 w/25' Cable (ID: 16425).....	D \$14.25	W \$33.25	M \$95
Probe-Optical Dissolved Oxygen Transmitter WQ-FDO w/25' Cable (ID: 11400) .....	D \$35	W \$100	M \$300

Call for price: Probe-Turbidity Sensor WQ730 w/25' Cable (ID: 17033), Probe-Conductivity WQ-COND-1 w/25' Cable (0-200uS) (ID: 12059)

\$ = sale item

**Handheld Monitoring**

**FEATURED ITEM**

**Myron L Ultrameter II™ 6P \$**

The Myron L Ultrameter II 6P delivers a high level of accuracy (+/-1% of reading) using advanced four-electrode conductivity cell technology, a unique pH/ORP sensor, and powerful microprocessor-based circuitry. Factory calibrated with NIST traceable solutions, this instrument may be supplied with both certification of traceability and NIST traceable solutions for definitive calibration.

pH-TDS-Cond-Temp-ORP-Resistivity  
(ID: 00046) ..... **Daily** \$38.25    **Weekly** \$89.25    **Monthly** \$255



**Oakton PC450 \$**

pH-Cond-Temp  
(ID: 14373) ..... **D** \$45    **W** \$105    **M** \$300



**YSI Pro Plus Meter \$**

pH-ORP-Cond-Temp  
Unit only (ID: 10036) ..... **D** \$41.25    **W** \$96.25    **M** \$275  
1M Cable (ID: 13842) ..... **D** \$15    **W** \$35    **M** \$100  
4M Cable (ID: 11390) ..... **D** \$20    **W** \$60    **M** \$175  
10M Cable (ID: 10408) ..... **D** \$26.25    **W** \$61.25    **M** \$175



**Turbidity Meters**

**FEATURED ITEM**

**Lamotte 2020t Turbidity Meter \$ <sup>New</sup>**

The multi-detector optical configuration assures long-term stability and minimizes stray light and color interference. The new ratiometric design allows for easy and accurate testing. The nephelometric mode measures 0-40 NTU/FNU, ratiometric mode 40-1000 NTRU/FNRU and 1000-2000 AU. Now pinpoint the range of interest with better, more reliable results. Ideally suited for applications including low-level drinking water, mid-range industrial, and high-range environmental.

(ID: 17846)..... **Daily** \$38.25    **Weekly** \$89.25    **Monthly** \$255



**Geotech Portable Turbidity Meter \$**

(ID: 17171)..... **D** \$45    **W** \$105    **M** \$300



**Water**

### Turbidity Meters (cont)



#### Hach Turbidimeter Model 2100Q

(ID: 17421) ..... **D** \$38.25    **W** \$89.25    **M** \$255



#### Hanna Turbidity Meter \$

EPA Compliant

(ID: 06393)..... **D** \$38.25    **W** \$89.25    **M** \$255



#### LaMotte 2020we

Meets EPA Method IP67 Waterproof

(ID: 09334)..... **D** \$38.25    **W** \$89.25    **M** \$255

### Water Analysis

#### FEATURED ITEM



#### HACH DR 2800 Portable Spectrophotometer

The Hach DR 2800 Portable Spectrophotometer can be used for more than 240 analytical methods. These methods include more than 30 TNTplus™ reagent vial tests that provide innovative barcode labeling for reliable, automatic method detection.

(ID:08520)..... **Daily** \$112.50    **Weekly** \$262.50    **Monthly** \$750

240+ Reagents–List available on website..... Call for price



#### HACH DR 900 Colorimeter

(ID: 12690)..... **D** \$63.75    **W** \$148.75    **M** \$425

90 Tests–List available on website ..... Call for price



#### LaMotte SMART3 Colorimeter \$

(ID: 09478)..... **D** \$38.25    **W** \$89.25    **M** \$255

75+ Tests–List available on website ..... Call for price



#### Hach Total Suspended Solids Portable Meter

0.001-400 g/L TSS, Turb, Sludge Blanket Level

(ID: 18797) ..... **D** \$150    **W** \$350    **M** \$1,000



#### Royce Total Suspended Solids Analyzer

0–10,000 mg/l

(ID: 01057) ..... **D** \$56.25    **W** \$131.25    **M** \$375

#### Turner Designs Handheld Datalogger w/Cyclops-7 Rhodamine Dye Tracer

(ID: 12444)..... **D** \$101.25    **W** \$236.25    **M** \$675

\$ = sale item

**Water Quality Monitors/DO**

**FEATURED ITEM**

**YSI Pro ODO Meter (Optical DO) \$**

The YSI ProODO utilizes smart digital sensor technology and stores calibration data. Probes can be placed without re-calibration, reducing the time required to calibrate and maintain sensors. A user-replaceable sensing element needs to be replaced approximately once a year. There are no electrodes to clean or solutions to change. Based on usage, calibrations can be stable for up to one year and are stored in each sensor. Optical technology also increases DO accuracy and eliminates probe fouling by common gases such as hydrogen sulfide.



	Daily	Weekly	Monthly
Unit w/4M Cable (ID: 07593).....	\$60.75	\$141.75	\$405
Unit w/10M Cable (ID: 07594).....	\$63	\$147	\$420
Unit w/20M Cable (ID: 07595).....	\$65.25	\$152.25	\$435
Unit w/30M Cable (ID: 10352).....	\$67.50	\$157.50	\$450

**Water**

**Peristaltic Pumps/Shallow Sampling**

**FEATURED ITEM**

**Geotech Geopump™ II Peristaltic Pump \$**

The Geotech Geopump II Peristaltic Pump is designed for single and multi-stage pressure or vacuum pumping of liquids. It is ideally suited for field sample removal from shallow wells and all surface water sources or laboratory use. With the optional stainless steel tubing weight, tubing can be lowered to a specific depth without curling or floating on the surface of the water. Because this pump is operated by mechanical peristalsis, the sample comes into contact with the tubing for sample integrity only, which also simplifies cleaning and replacement.



(ID: 00049) .....	Daily \$38.25	Weekly \$89.25	Monthly \$255
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**Solinst Peristaltic Pump Model 410 \$**

External power source: 12VDC

Depth: 33'/10M

Volume w/5/8"OD tubing: 120mL up to 3.5L per minute

Volume w/3/8"OD tubing: 40mL to 900mL per minute

(ID: 00186).....	D \$45	W \$105	M \$300
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**Accessories:**

Groundwater Innovations Quick Bullet Tubing Weights

1/4" OD (ID: 09201).....	D \$5	W \$10	M \$30
3/8" OD (ID: 09290).....	D \$5	W \$10	M \$30
12V Booster Pack (ID: 01061).....	D \$19.50	W \$45.50	M \$130

**Tubing:**

3/16" ID x 3/8" OD Silicone Tubing*	100' Rolls 3/16" ID LDPE Tubing
3/8" ID x 9/16" OD Silicone Tubing**	100' Rolls 3/8" ID LDPE Tubing
	100' Rolls 1/4" ID LDPE Tubing

\*3/16" ID Silicone is compatible with either 3/16"ID or 1/4"ID LDPE

\*\*3/8" ID Silicone is compatible with either 3/8"ID or 1/4"ID LDPE

### Bladder Pumps

#### FEATURED ITEM



#### Geotech Stainless Steel Portable Bladder Pump CE \$

The Geotech Stainless Steel Portable Bladder Pump CE offers a single turn release head and quick-change bladders for fast in-field bladder changes and easy decontamination. Custom hose barbs allow the pump to be secured to tubing without the need for clamps. With the optional drop intake system, the user can easily relocate the pump intake beyond the pump's limitations.

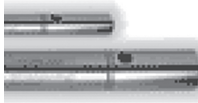
Up to 200'	Daily	Weekly	Monthly
0.675SS18, 0.05 GPM (ID: 09381) .....	\$47.25	\$110.25	\$315
0.85SS18, 0.10 GPM (ID: 09380) .....	\$47.25	\$110.25	\$315
1.66SS18, 0.65 GPM (ID: 09418) .....	\$47.25	\$110.25	\$315
1.66SS18 w/Drop Tube Assembly (ID: 10433).....	\$62.25	\$145.25	\$415

Additional spare part kits available for purchase.



#### Geotech PFC-free (Teflon-free) Portable Bladder Pump CE \$

1.66SS18 (ID: 16709) .....	D \$50.25	W \$117.25	M \$335
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#### Geotech Stainless Steel Dedicated Bladder Pump \$

1.66SS36, 500psi Cartridge/up to 1000' (ID: 03307) .....	D \$48.75	W \$113.75	M \$325
1.66SS36, 125psi Teflon Sleeve/up to 250' (ID: 17479)..	D \$48.75	W \$113.75	M \$325

#### QED Sample Pro Bladder Pump

(1.75" OD) 0.32 GPM /up to 200'

(ID: 00500).....	D \$50	W \$150	M \$400
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## Low Flow Sampling Made Simple:

*choosing the correct sampling equipment*

Low Flow Sampling with a bladder pump is simple when selecting the appropriate instruments and accessories. Follow this chart to select the pump, controller, pneumatic air device and tubing to fulfill your project's requirements.

#### 1. Bladder Pumps

Geotech .67SS18 +  
Geotech .85SS18 +  
Geotech 1.66SS18 +  
QED Sample Pro 1.75"

+Featured

#### 2. Controllers

QED MP 10 Controller +  
QED MP10H Controller  
QED MP10UH Controller  
QED MP15 Power Pack  
QED MP50 Controller/  
Compressor  
Geotech Geocontrol Pro  
Solinst Controller

#### 3. Air Supply

Solinst Air Compressor +  
DC Air Compressor  
QED Well Wizard Compressor  
QED MP40 Gas Engine Com-  
pressor  
AC Air Compressor  
CO2 Tank  
Nitrogen Tank

#### 4. Tubing & Accessories

LDPE Bonded 3/16" ID  
x 1/4" OD  
LDPE Bonded 1/4" ID  
x 3/8" OD  
Disposable Bladders  
Drop Tube Assembly  
Grab Plates



\$ = sale item

Controllers

FEATURED ITEM

**QED MP10 Micropurge Digital Controller**

The QED MicroPurge MP10 Controller revolutionizes low-flow groundwater sampling with advanced logic control of purge flow and well drawdown. Simple up-down arrow keys increase and decrease purge flow to meet low-flow requirements. Once optimized, settings can be easily recalled in the next round of sampling. The MP10 also offers an easy way to prevent excessive drawdown during purging of monitoring wells, by linking to the optional MP30 Drawdown/Water Level Meter.



Max PSI-120 / Max Depth-250'  
 For Sample Pro Pump  
 (ID: 01637)..... **Daily** \$101.25    **Weekly** \$236.25    **Monthly** \$675

**QED MP10H Micropurge Controller**

Max PSI-300 / Max Depth-600'  
 (ID: 03316)..... **D** \$135    **W** \$315    **M** \$900



**QED MP10UH Micropurge Controller**

Max PSI-500 / Max Depth-1000'  
 (ID: 12629) ..... **D** \$202.50    **W** \$472.50    **M** \$1,350



**QED MP30 Drawdown & Level Meter**

(ID: 01867)..... **D** \$37.50    **W** \$87.50    **M** \$250



**QED MP50 Micropurge Digital Controller**

Max PSI-105 / Max Depth-200'  
 Built-in Compressor  
 (ID: 08286) ..... **D** \$135    **W** \$315    **M** \$900



**QED MP15 Portable Controller & Power Back Pack**

Max PSI-120 / Max Depth-250'  
 (ID: 02851)..... **D** \$135    **W** \$315    **M** \$900



**Solinst Bladder Pump Controller Model 464 \$**

Max PSI 125  
 (ID: 09756)..... **D** \$60.75    **W** \$175    **M** \$525



### Compressors

#### FEATURED ITEM



#### Solinst Bladder Pump Compressor Model 407 \$

The Solinst Model 407, a 12V compressor, is lightweight (21 lbs.), compact, and ideal for field use, especially low flow applications with a depth of less than 100 feet. The compressor operates using a 12V DC power source, such as a car or truck battery, and comes with alligator clips. It operates at up to 125 psi and is equipped with a two-gallon (7.6 L) air tank, which is rated to 150 psi.

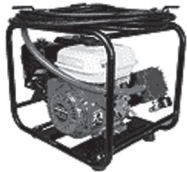
12V DC (ID: 09757) ..... **D** \$41.25    **W** \$96.25    **M** \$275



#### Makita High Pressure Air Compressor AC310H

2.5 HP, 400 psi

(ID:14915) ..... **D** \$48.75    **W** \$113.75    **M** \$325



#### QED MP40 MicroPurge Engine/Compressor

4 HP 3.5 CFM @ 100 psi (local delivery only)

(ID: 04143) ..... **D** \$67.50    **W** \$157.50    **M** \$450



#### QED Well Wizard 3020 Compressor

12V DC 0.21 CFM @ 100 psi

For MP10, MP10H, MP30

(ID: 05314) ..... **D** \$51.75    **W** \$120.75    **M** \$345



#### RIDGID Air Compressor

18V, 120 psi 1 gallon tank w/5.0Ah battery pack

(ID: 17368) ..... **D** \$41.25    **W** \$96.25    **M** \$275

#### Accessories:

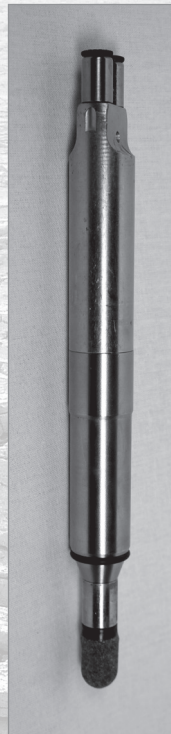
HYPER Lithium-Ion Battery Pack—5.0 Ah (ID: 17370) ..... **D** \$18    **W** \$42    **M** \$120

HYPER Lithium-Ion Battery Pack—6.0 Ah (ID: 17720) .... **D** \$19.50    **W** \$45.50    **M** \$130

HYPER Lithium-Ion Battery Pack—9.0 Ah (ID: 18850) ... **D** \$22.50    **W** \$52.50    **M** \$130

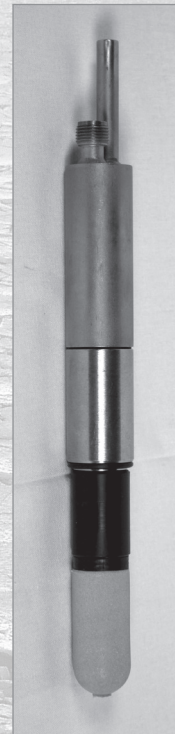
# Panacea Groundwater Pumps Meet Every Challenge.

**P100**  
Stainless Steel



Diameter: 7/8"  
Length: 6"

**P125**  
Stainless Steel



Diameter: 1.2"  
Length: 5"

**P200**  
Delrin



Diameter: 1.75"  
Length: 23"

## These Pumps Deliver in the Most Difficult Conditions!

- Limited submergence
- Deep sampling (achieves depths to 4,000 feet below ground surface)
- Low permeability
- Extreme temperatures (up to 180 degrees)
- Chemically harsh (LNAPL, DNAPL, high concentrations of SVOCs, metals, salts, etc.)
- Altitudes are greater than 10,000 feet above sea level
- Dedicated pumps buried in the ground
- Sampling from angled monitoring wells
- Multilevel installations

From the most common to the harshest project site conditions the BESST Panacea Pump Series is uniquely adaptable and agile, allowing ultimate performance in a variety of environments. They have been a popular addition to our rental pool; and, we are proud to be the exclusive distributor of this evolutionary line of pumps.

The geoscientists and engineers at BESST Inc. designed pumps without the limitations of bladders, and with the highest quality, rugged materials. The company's hands-on approach to adapting the pumps so they achieve optimum performance in each distinct situation has proven its commitment to the advancement of pump technology.

In the more than 14 years since the introduction of BESST Inc.'s pump technology, customers have realized cost savings and time efficiencies when deploying these patented designs. In January of 2015, FEI's customers began using BESST's adaptive groundwater pump technology with excellent success.



Exclusively distributed by  
**FIELD ENVIRONMENTAL  
INSTRUMENTS, INC.**

Field Environmental Instruments  
**PARTNER** 

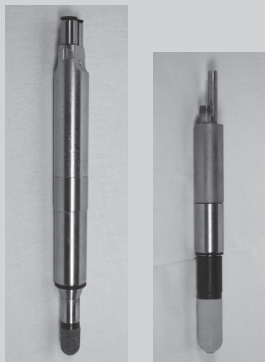
### Pneumatic Pumps/Deep Sampling

#### FEATURED ITEM

### BESST Panacea Pumps \$

The BESST Panacea Pumps are ideal for sampling to depths of 3000' BGS because they are built of rugged materials, designed for durability and consistency, and require little to no maintenance. Powered by inert gas or air, pump motors will not overheat. When used in ratchet mode, the two-valve lift system does not allow the gas to contact the sample water and enables gentle discharge of the sample, eliminating the need for fragile, unreliable bladders with volume restrictions. The pumps are available in a variety of sizes and materials. The miniaturized P100 and P125 are ideal for narrow or obstructed wells where clearance is an issue. The P200 is designed for wells 2" and larger, and takes advantage of the additional space with a 200 mL chamber to boost purge and sample volume.

**CARRIED EXCLUSIVELY BY FEI**



P100

P125



P200

	Daily	Weekly	Monthly
P100: SS 7/8"OD x 6" long (ID: 13880).....	\$78.75	\$183.75	\$525
P125: SS 1.2" OD x 5" long (ID: 14435).....	\$135	\$315	\$900
P200: Delrin 1.75"OD x 23" long, 200mL (ID: 14166).....	\$78.75	\$183.75	\$525
P200: SS 1.75"OD x 23" long, 200mL (ID: 14165).....	\$135	\$315	\$900

#### BESST Volume Boosters

3/4" OD, Flex Hose SS

10' long, 870mL (ID: 14164).....	\$86.25	\$201.25	\$575
30' long, 2.6L (ID: 13888) .....	\$100	\$225	\$900

1" OD, Flex Hose SS

5' long, 600 mL (ID: 14606) .....	\$67.50	\$157.50	\$450
10' long, 1.2L (ID: 14167) .....	\$142.50	\$332.50	\$950

1.5" OD, Rigid SS, 5' long, 1.5L (ID: 14438) .....	\$180	\$420	\$1,200
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### ORDERING GUIDE for BESST Panacea Pumps & Volume Boosters

Well Size	Pump	Volume Booster (choose one; optional)	Volume Booster Tubing & Accessories	Timer Control Unit (optional)	Tubing (depends on depth, pressure; optional)	Valve Repair Kits (optional)
1"	P100	<ul style="list-style-type: none"> <li>• 3/4" OD, Flex Hose SS (10' or 30' long)</li> </ul>	For 3/4" Volume Booster: <ul style="list-style-type: none"> <li>• High Pressure 3/16" Nylon (3/4" flex VB)—required</li> <li>• Ferrules: 3/16" Nylon or SS—optional</li> </ul>	DC High Pressure (650 psi) OR Teflon-Free DC High Pressure (650 psi)	Up to 400': LDPE Bonded (Both 0.17" ID x 1/4"OD)  400' to 690': HDPE Dual Bonded 3/16 x 1/4 both (290PSI working pressure)	P100 Pump Valve Repair Kit
1.25" or larger	P125	<ul style="list-style-type: none"> <li>• 1" OD, Flex Hose SS (5' or 10' long)</li> <li>• 1.5" OD Rigid SS (5' long)</li> </ul>	For 1" and 1/5" Volume Booster: <ul style="list-style-type: none"> <li>• High Pressure 1/4" Nylon (1" flex VB)—required</li> <li>• Ferrules: 1/4" Nylon or SS—optional</li> </ul>		More than 690': Jacketed High Pressure 1/4" x 1/4" Nylon Tube bundle w/ support cable	P125 Pump Valve Repair Kit
2"	P200					P200 Pump Valve Repair Kit

\$ = sale item

**Pneumatic Pumps/Deep Sampling**

**BESST Panacea Pumps (cont'd)**

**Volume Booster Tubing & Accessories**

**For 3/4" Volume Booster**

Required Tubing: High Pressure 3/16" Nylon, 3/4" flex VB (ID: 14871)..... \$1.07/ft.

**Optional Accessories:**

Ferrules: 3/16" Nylon (ID: 14854) ..... \$2.44 each

Ferrules: 3/16" SS (ID: 14856) ..... \$5.53 each

**For 1" and 1.5" Volume Boosters**

Required Tubing: High Pressure 1/4" Nylon, 1" flex VB (ID: 14872) ..... \$1.64/ft.

**Optional Accessories:**

Ferrules: 1/4" Nylon (ID: 14855)..... \$2.80 each

Ferrules: 1/4" SS (ID: 14857)..... \$5.27 each

	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
<b>Timer Control Units</b> (optional)			
DC High pressure 650 psi (ID: 14777).....	\$90	\$210	\$600
Teflon-Free, DC High pressure 650 psi (ID: 15641).....	135	\$315	\$900

**Tubing** (depends on depth, pressure; optional)

LDPE Bonded, 0.17" ID x 1/4"OD both-500' Rolls (ID: 01628) ..... \$275

HDPE Dual Bonded, 3/16" x 1/4" both, 290 psi working pressure (ID: 15653) ..... \$0.90/ft.

Jacketed High Pressure 1/4" x 1/4" Nylon Tube Bundle w/Support Cable,  
600'-1600' (ID: 14870) ..... \$5.56/ft.

**Valve Repair Kits** (optional)

P100 Pump Valve Repair Kit (ID: 15086)..... \$125 each

P125 Pump Valve Repair Kit (ID: 14697) ..... \$147.38 each

P200 Pump Valve Repair Kit (ID: 14748) ..... \$147.38 each



### Groundwater Sampling Pumps

#### ▼ FOR 2" WELLS

##### FEATURED ITEM



Proactive SS Mega-Typhoon Pro Series 110'

#### Proactive Pro Series \$ (controller required)

The Proactive Stainless Steel Pro Series pumps, designed with the field technician in mind, can handle the field rigors associated with daily groundwater or remote water sampling. These pumps have a high-polished stainless steel body and components, to prevent rust or corrosion under normal working conditions. They are powered by a 12V DC car battery and are suitable for continuous sampling or purging of groundwater wells.

	Daily	Weekly	Monthly
Proactive SS Mega-Typhoon Pro Series 110' (ID: 12698) .....	\$123.75	\$288.75	\$825
Proactive SS Monsoon Pro Series 130' (ID: 12657) .....	\$135	\$315	\$900
Proactive SS Hurricane Pro Series 160' (ID: 12700) .....	\$146.25	\$341.25	\$975
Proactive Stainless Steel Pro Series All-In-One Controller w/LCD (ID: 12656) .....	\$47.25	\$110.25	\$315

*Customer Service Note: A backup pump and controller will be provided with your rental. Talk to your customer service representative about this value-added service.*

#### Grundfos Redi-Flo 2" Pump \$

up to 300' (ID: 00423) .....	<b>D</b> \$155	<b>W</b> \$325	<b>M</b> \$675
Converter Box (ID: 00037) .....	<b>D</b> \$100	<b>W</b> \$200	<b>M</b> \$525
Cooling Shroud (ID: 01165) .....	<b>D</b> \$50	<b>W</b> \$75	<b>M</b> \$225

#### Tubing:

- 100' Rolls 3/8" ID x 1/2" LDPE Tubing
- 100' Rolls of 1/2" ID x 5/8" LDPE Tubing



\$ = sale item

**Groundwater Purge & Development**

**▼ FOR 2" WELLS**

**FEATURED ITEM**

**Ground Water Innovations Buffalo Air Pump** *(no controller needed)*

The Ground Water Innovations Buffalo Air Pump uses an air lift technique that injects air into the pump causing the specific gravity of the water and sediment (if needed) to be the same as the air being introduced. The three-phase mixture is forced up through the discharge pipe as a result of the surrounding hydrostatic pressure in the formation. They are adaptable to readily available fittings and hose sizes.



	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
3/4" (ID: 09242) .....	\$30	\$70	\$200
1" (ID: 07636) .....	\$37.50	\$87.50	\$250
2" (ID: 07637) .....	\$52.50	\$122.50	\$350

**Accessory:**

AC Air Compressor (ID: 00845) .....	\$33.75	\$78.75	\$225
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**Tubing:**

<u>Pump</u>	<u>Tubing: Air</u>	<u>Tubing: Water</u>
3/4"	3/16" x 1/4"	3/8" x 1/2"
1"	3/16" x 1/4"	3/8" x 1/2"
2"	1/4" x 3/8"	.814" x 1"

**Proactive SS Mini-Monsoon XL Series 90' \$**

12V (controller optional)

(ID: 05024).....	<b>D</b> \$67.50	<b>W</b> \$157.50	<b>M</b> \$450
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**Low Flow Sampling Controller (Standard Pumps) \$**

(ID: 00751).....	<b>D</b> \$18.75	<b>W</b> \$43.75	<b>M</b> \$125
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**Proactive Tsunami PVC 100' \$**

(ID: 00624).....	<b>D</b> \$67.50	<b>W</b> \$157.50	<b>M</b> \$450
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**Low Flow w/Power Booster II Controller \$**

(ID: 00627).....	<b>D</b> \$33.75	<b>W</b> \$78.75	<b>M</b> \$225
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**Proactive Monsoon PVC 130' \$**

(ID: 00625) .....	<b>D</b> \$73.35	<b>W</b> \$171.15	<b>M</b> \$489
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**Low Flow w/Power Booster II Controller**

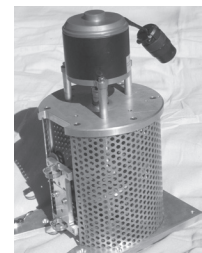
(ID: 00627).....	<b>D</b> \$33.75	<b>W</b> \$78.75	<b>M</b> \$225
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**Rotapump Model 100**

(ID: 10803) .....	<b>D</b> \$78.75	<b>W</b> \$183.75	<b>M</b> \$525
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**Accessories:**

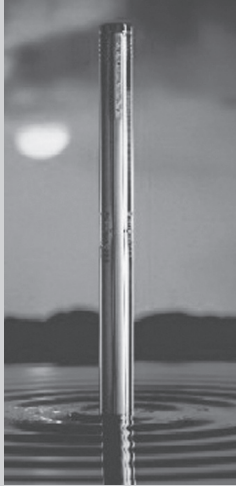
DC Motor w/Controller (ID: 10804) .....	<b>D</b> \$15	<b>W</b> \$25	<b>M</b> \$75
DC Power Drill w/Adapter (ID: 10947) .....	<b>D</b> \$15	<b>W</b> \$25	<b>M</b> \$75



### Groundwater Purge & Development (cont'd)

#### ▼ FOR 4" WELLS

#### FEATURED ITEM



PLEASE SEE NEXT PAGE FOR PUMP TECHNICAL DATA.

### Grundfos Redi-Flo 3" Variable/Non-Variable Speed Pump \$

The Grundfos Redi-Flo 3 SQE Variable/Non-variable Speed Sampling Pump (10 or 22 GPM) w/converter meets the stringent requirements of environmental applications. It features a high-efficiency, permanent-magnet motor that delivers an ultra-high starting torque and also provides internal protection against pump dry run, over and under voltage, overload, and over-temperature. The pump end employs a floating impeller technology and is constructed of tough materials to ensure excellent wear resistance and solids handling.

Volts-110/220; up to 10 or 22 GPM; Max. 450' Depth

	Daily	Weekly	Monthly
10SQE05-100NE Unit (ID: 01487) .....	\$150	\$350	\$1,000
10SQE05-140NE Unit (ID: 06385) .....	\$150	\$350	\$1,000
10SQE07-180NE Unit (ID: 10132) .....	\$165	\$385	\$1,100
10SQE10-260NE Unit (ID: 01535) .....	\$210	\$490	\$1,400
10SQE10-300NE Unit (ID: 11541) .....	\$266.25	\$621.25	\$1,775
10SQE10-340NE Unit (ID: 14651) .....	\$240	\$560	\$1,600
22SQE05-110NE Unit (ID: 10157) .....	\$165	\$385	\$1,100
22SQE07-140NE Unit (ID: 03951) .....	\$180	\$420	\$1,200
22SQE10-180NE Unit (ID: 10156) .....	\$210	\$490	\$1,400
22SQE10-210NE Unit (ID: 13128) .....	\$225	\$525	\$1,500

#### Accessory:

Control Box CU300-SQE Only (ID: 01486).....	\$75	\$150	\$300
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### Grundfos Redi-Flo 4" Variable Speed Pump \$

Unit w/5E8 Head - 2 HP (ID: 07322).....	D \$130	W \$300	M \$675
Unit w/10E5 Head - 2 HP (ID: 07852) .....	D \$130	W \$300	M \$675
Unit w/16E4 Head - 2 HP (ID: 07853) .....	D \$130	W \$300	M \$675
Unit w/25E3 Head - 2 HP (ID: 00123) .....	D \$130	W \$300	M \$675
Unit w/77S20-4 Head - 2 HP (ID: 16775).....	D \$130	W \$300	M \$675
Unit w/150S20 Head - 2 HP (ID: 16725) .....	D \$130	W \$300	M \$675
Converter Only (ID: 00037) .....	D \$100	W \$200	M \$525

#### Pump Specifications

	Max Flow Rate	Max Depth	Tubing	Power
5E8 Head	10 GPM	550'	1" ID	120/240V
10E5 Head	15 GPM	350'	1" ID or 1.25" ID	120/240V
16E4 Head	35 GPM	295'	1" ID or 1.25" ID	120/240V
25E3 Head	50 GPM	225'	1" ID or 1.25" ID	120/240V
77S20-4 Head	75 GPM	80'	2" ID	240V
150S20 Head	150 GPM	60'	3" ID	240V



### Pump One Pump Extractor XP4

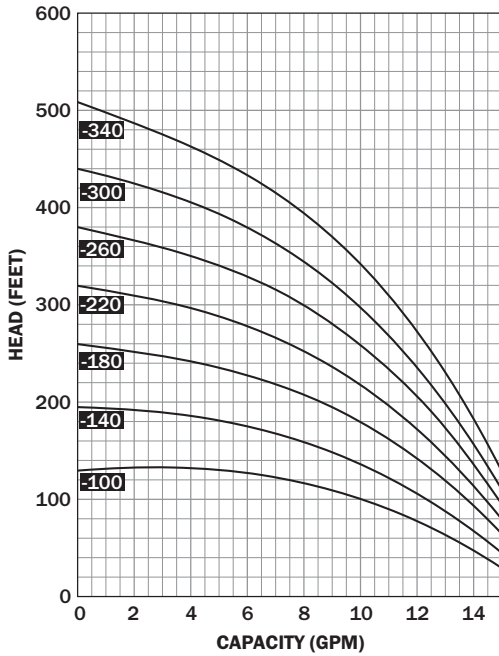
4" -8" Wells (ID: 15684) .....	D \$41.25	W \$96.25	M \$275
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\$ = sale item

## Groundwater Purge & Development (cont'd)

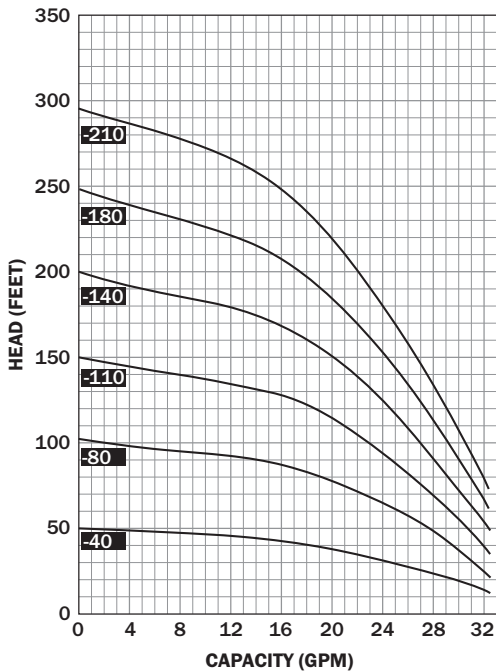
### Technical Data for Redi-Flo 3—10gpm



Model #	HP	Size	Disch. Size	Dimensions in Inches					Approx. Ship Wt. (pounds)
				A	B	C	D	E	
10Redi-Flo3-100	1/2	3"	1 1/4" NPT	30.4	19.8	10.6	2.6	2.9	12
10Redi-Flo3-140	1/2	3"	1 1/4" NPT	30.4	19.8	10.6	2.6	2.9	12
10Redi-Flo3-180	3/4	3"	1 1/4" NPT	31.5	19.8	11.6	2.6	2.9	13
10Redi-Flo3-220	3/4	3"	1 1/4" NPT	33.6	19.8	13.7	2.6	2.9	13
10Redi-Flo3-260	1	3"	1 1/4" NPT	35.0	21.3	13.7	2.6	2.9	16
10Redi-Flo3-300	1	3"	1 1/4" NPT	36.1	21.3	14.8	2.6	2.9	16
10Redi-Flo3-340	1	3"	1 1/4" NPT	38.2	21.3	16.9	2.6	2.9	16

Note: Weights include pump ends with motors

### Technical Data for Redi-Flo3—22gpm



Model #	HP	Size	Disch. Size	Dimensions in Inches					Approx. Ship Wt. (pounds)
				A	B	C	D	E	
22Redi-Flo3-40	1/2	3"	1 1/2" NPT	30.4	19.8	10.6	2.6	2.9	12
22Redi-Flo3-80	1/2	3"	1 1/2" NPT	30.4	19.8	10.6	2.6	2.9	12
22Redi-Flo3-110	3/4	3"	1 1/2" NPT	31.5	19.8	11.6	2.6	2.9	13
22Redi-Flo3-140	3/4	3"	1 1/2" NPT	33.6	19.8	13.7	2.6	2.9	13
22Redi-Flo3-180	1	3"	1 1/2" NPT	38.2	21.3	16.9	2.6	2.9	16
22Redi-Flo3-210	1 1/2	3"	1 1/2" NPT	38.2	21.3	16.9	2.6	2.9	16

Note: Weights include pump ends with motors

Water

# So Many Reasons to Turn to FEI!



## FREE RENTAL DAY

Rental period **STARTS** the day after you receive the equipment (except for morning deliveries) and **ENDS** the day before FEI receives the equipment



## 24/7 TECH SUPPORT

Equipment and instrument technicians ready to support you 24/7, before, during, and after your rental



## SAME-DAY SHIPPING AND PAIN-FREE RETURNS

Rentals ship worldwide, providing daily delivery as early as 8:30 a.m.; documents needed for returning rentals are packaged with your equipment



## 11 CONVENIENT LOCATIONS

Each location has been strategically located to serve customers where we can respond quickly to their project needs



## FREE LOCAL DELIVERY AND PICKUP

All FEI branches maintain a fleet of vehicles to deliver your equipment and supplies, and pick up your rental items when your project is complete



## STOCKED INVENTORY

All locations maintain a comprehensive inventory of instrumentation, equipment, supplies and safety items



**FIELD ENVIRONMENTAL  
INSTRUMENTS, INC.**

\$ = sale item

**Pneumatic Pumps/Remediation**

**FEATURED ITEM**

**Geotech 1.66 Reclaimer Pump \$**

The Geotech 1.66 Auto-Reclaimer is designed to pump floating hydrocarbons, leachate, condensate, and total fluids applications from 2" diameter wells and up to 250' deep. This pump can be operated automatically without a controller, and everything needed to operate the system is built in. It is designed to withstand even the harshest and most corrosive environments, such as refineries, landfills, or mines.



3 GPM, 500' max depth	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
1.66 x 24" Unit (ID: 09258).....	\$47.25	\$110.25	\$315
Bottom fill (ID: 01600).....	\$67.50	\$157.50	\$450
Top fill (ID: 07244).....	\$67.50	\$157.50	\$450

**Geotech 1.66 Auto-Reclaimer Pump \$**

3 GPM, 250' max depth			
48" - Bottom fill (ID: 05251).....	<b>D</b> \$135	<b>W</b> \$315	<b>M</b> \$900



**QED AP3 Long 3" SS Bottom-Load Remediation Pump**

7.3 GPM			
(ID: 12311).....	<b>D</b> \$101.25	<b>W</b> \$236.25	<b>M</b> \$675

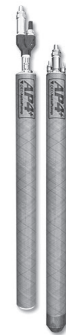


**QED AP4+ SS Remediation Pump**

Bottom Load-14 GPM: 250' MAX (ID: 08964) .....	<b>D</b> \$135	<b>W</b> \$315	<b>M</b> \$900
Top Load Low Draw-6.4 GPM: 250' MAX (ID: 09638) .....	<b>D</b> \$135	<b>W</b> \$315	<b>M</b> \$900

**Accessories:**

QED MP10 MicroPurge Controller (ID: 01637) .....	<b>D</b> \$101.25	<b>W</b> \$236.25	<b>M</b> \$675
120 PSI; 250' Maximum Depth			
QED MP10H Digital Controller (ID: 03316).....	<b>D</b> \$135	<b>W</b> \$315	<b>M</b> \$900
300 PSI; 600' Maximum Depth			
QED MP10UH Digital Controller (ID: 12629).....	<b>D</b> \$202.50	<b>W</b> \$472.50	<b>M</b> \$1,350
500 PSI; 1000' Maximum Depth			



**Water**

### Composite Samplers

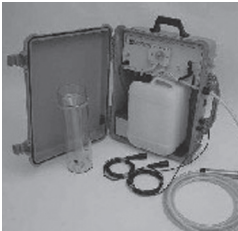


#### ISCO GLS Composite Sampler

(ID: 00187) ..... **D** \$93.75    **W** \$218.75    **M** \$625

#### Accessories:

ISCO Sampler Charger/Battery Power Pack (ID: 01066) ..... **D** \$15    **W** \$25    **M** \$50  
 ISCO Composite Sampler Poly Jugs & Liners (10L) ..... Call for price



#### Global Water Composite Wastewater Sampler \$

Unit w/Datalogging, Rain Trigger, Start

Delay Feature (ID: 04827) ..... **D** \$67.50    **W** \$180    **M** \$450  
 GL500U-2-1 w/USB Connection (ID: 15455) ..... **D** \$10    **W** \$25    **M** \$70

#### Accessories:

Global Water 2 Gallon Plastic Sampling Jug (ID: 16599).....\$25



### General Purpose Pumps

#### FEATURED ITEM



#### Honda WX10 General Purpose

The Honda WX10 General Purpose Pump is lightweight, compact, and easy to use. It features an advanced pump design for superior durability and performance and an easy starting Honda mini four-stroke commercial engine to provide ample power in tough conditions. It weighs only 13 pounds and comes with a standard transport handle, making it easily portable. Capacity is 32 gallons per minute. It comes with a garden hose adapter, suction hose, clamps, and strainer.

1" Trash Pump (local delivery only)

(ID: 05477) ..... **Daily** \$47.25    **Weekly** \$110.25    **Monthly** \$315



#### Allegro Low Water Pump

Up to 34'

(ID: 06639)..... **D** \$47.25    **W** \$110.25    **M** \$315



#### Allegro Standard Water Pump

Up to 36'

(ID: 06640)..... **D** \$47.25    **W** \$110.25    **M** \$315

\$ = sale item

**General Purpose Pumps (con't)**

**Honda WT20X General Purpose Pump**

2" Trash Pump (local delivery only)

(ID: 06609) ..... **D** \$101.25    **W** \$236.25    **M** \$675



**Sethco Drum Pump**

(ID: 08279)..... **D** \$60.75    **W** \$141.75    **M** \$405



**Water Sampling Devices**

**FEATURED ITEM**

**Conbar Stainless Steel Bomb Sampler \$**

The CONBAR stainless bomb samplers collect liquid samples at levels up to 18 inches. The plunger assembly can be activated automatically when the sampler contacts a hard surface or by the operator at various depths with the use of a pull line. A Viton® "O" ring ensures the integrity of the sampling chamber, and the plunger locking cam provides tight closure during transport.



	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
2.5" x 22" (1L) (ID: 09219).....	\$33.75	\$78.75	\$225
2.5" x 11" (500 mL) (ID: 00629).....	\$30	\$70	\$200
1.125" x 15" (125 mL) (ID: 00193) .....	\$26.25	\$61.25	\$175

**Solinst 425 Discrete Interval Sampler SS \$**

Size: 1.66" x 2' or 25.4 mm x 610 mm

Capacity: 18 oz. or 475 mL

Unit (ID: 07497)..... **D** \$45    **W** \$105    **M** \$300  
 High Pressure Hand Pump (ID: 07516) ..... **D** \$5.25    **W** \$12.25    **M** \$35



**Wildco Beta Plus Horizontal Water Sampler**

(ID: 00295) ..... **D** \$35    **W** \$75    **M** \$150



**Water**

### Water Level Meters

#### FEATURED ITEM

#### Solinst Water Level Meter \$



Model 101

Solinst Water Level Meters include Model 101 and Model 102. For measuring the depth to water in wells, boreholes, standpipes, and tanks, Model 101 Water Level Meters are the industry standard for portable, hand-operated meters. They are sturdy, easy-to-use, and read accurately to 1/100 ft. or each millimeter. The Model 102 measures groundwater levels in small diameter tubes and piezometers, or where a flexible assembly is needed to get past down-hole instrumentation.

	Daily	Weekly	Monthly
Model 101 Laser-Marked P7/LM2 100' Tape (ID: 11659); 200' Tape (ID: 11135); 300' Tape (ID: 11248) .....	\$30	\$63	\$180
Model 102 Laser-Marked P4 (1/4") Probe 100' Tape (ID: 05315), 200' Tape (ID: 09833) .....	\$25	\$52.50	\$150
Model 102 Laser-Marked P10 (3/8") Probe 100' Tape (ID: 13574).....	\$25	\$52.50	\$150

#### Heron dipper-T Water Level Meter \$



Unit w/50' Tape (ID: 13753).....	D \$25	W \$52.50	M \$150
Unit w/100' Tape (ID: 00707) .....	D \$25	W \$52.50	M \$150
Unit w/100' Tape, 3/8" probe (ID: 05275) .....	D \$25	W \$52.50	M \$150
Unit w/150' Tape (ID: 00775).....	D \$25	W \$52.50	M \$150
Unit w/150' Tape, 3/8" probe (ID: 05276).....	D \$25	W \$52.50	M \$150
Unit w/200' Tape (ID: 00708).....	D \$26.25	W \$61.25	M \$175
Unit w/200' Tape, 3/8" probe (ID: 05427).....	D \$26.25	W \$61.25	M \$175
Unit w/300' Tape (ID: 00709).....	D \$33.75	W \$78.75	M \$225
Unit w/300' Tape, 3/8" probe (ID: 05277).....	D \$33.75	W \$78.75	M \$225
Unit w/500' Tape (ID: 00710).....	D \$41.25	W \$96.25	M \$275
Unit w/750' Tape (ID: 10586) .....	D \$45	W \$105	M \$300
Unit w/1000' Tape (ID: 10598) .....	D \$56.25	W \$131.25	M \$375

#### Geotech Water Level Meter \$



100' Tape (ID: 05333).....	D \$25	W \$52.50	M \$150
200' Tape (ID: 05335).....	D \$26.25	W \$61.25	M \$175
300' Tape (ID: 07587).....	D \$33.75	W \$78.75	M \$225

\$ = sale item

Interface Meters

FEATURED ITEM

**Solinst Interface Meter \$**

The Solinst Model 122 Interface Meter is ideal for measuring the depth and thickness of hydrocarbon layers. It uses a 5/8" probe attached to tape, which is permanently marked each 1/100 ft. or millimeter and mounted on a reel. It is powered by standard 9V batteries in easy-access drawers. The batteries provide 120 hours of use, and the probe has an automatic shut-off after 10 minutes.



	Daily	Weekly	Monthly
Unit w/100' Tape (ID: 03549) .....	\$67.50	\$157.50	\$450
Unit w/200' Tape (ID: 00737) .....	\$67.50	\$157.50	\$450
Unit w/250' Tape (ID: 00738) .....	\$67.50	\$157.50	\$450
Unit w/300' Tape (ID: 04396) .....	\$67.50	\$157.50	\$450
Unit w/750' Tape (ID: 12126) .....	\$90	\$210	\$600
Unit w/1000' Tape (ID: 11834) .....	\$101.25	\$236.25	\$675

**Heron H01.L Oil/Water Interface Meter \$**

Unit w/100' Tape (ID: 00723) .....	D \$67.50	W \$157.50	M \$450
Unit w/150' Tape (ID: 14323) .....	D \$67.50	W \$157.50	M \$450
Unit w/200' Tape (ID: 00724) .....	D \$67.50	W \$157.50	M \$450
Unit w/300' Tape (ID: 00725) .....	D \$67.50	W \$157.50	M \$450
Unit w/500' Tape (ID: 01601) .....	D \$78.75	W \$183.75	M \$525
Unit w/750' Tape (ID: 12166) .....	D \$90	W \$210	M \$600
Unit w/1000' Tape (ID: 14318) .....	D \$101.25	W \$236.25	M \$675



**Heron Conductivity Plus Level Meter \$**

Unit w/150' Tape (ID: 12149) .....	D \$35	W \$75	M \$225
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Sonic Water Level Meters

FEATURED ITEM

**Global Water WL650 Sonic Water Level Meter \$**

Global Water's WL650 Sonic Water Level Meter is a self-contained, battery-operated meter that measures well water level with sound waves. Fast, accurate measurements are possible in the field or anywhere. The meter, measuring up to 1200 feet, makes it possible to measure crooked wells, wells with cascading water, partially cased rock wells, wells with submersible pumps, capped or uncapped wells, and wells with pipes or wires inside. For accuracy, this meter is recommended for wells with a diameter of 10 inches or less.

Measures up to 10' - 1500' (ID: 11015) .....	Daily \$47.25	Weekly \$110.25	Monthly \$315
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### Data Loggers & Pressure Transducers

#### ▼ LEVEL-TEMPERATURE

##### FEATURED ITEM



#### Van Essen Micro-Diver Sensor \$ ☎ Level-Temp-Time

The Micro-Diver is the smallest Diver, measuring only 88mm x 18mm. This datalogger is ideal for long-term, uninterrupted, real-time water level monitoring using a pressure sensor when submerged under the water surface at a fixed level. This instrument is specifically designed for monitoring wells or drive-points that are too small for larger dataloggers. The Micro-Diver's memory capacity can store up to 48,000 measurements (date/time, pressure and temperature).

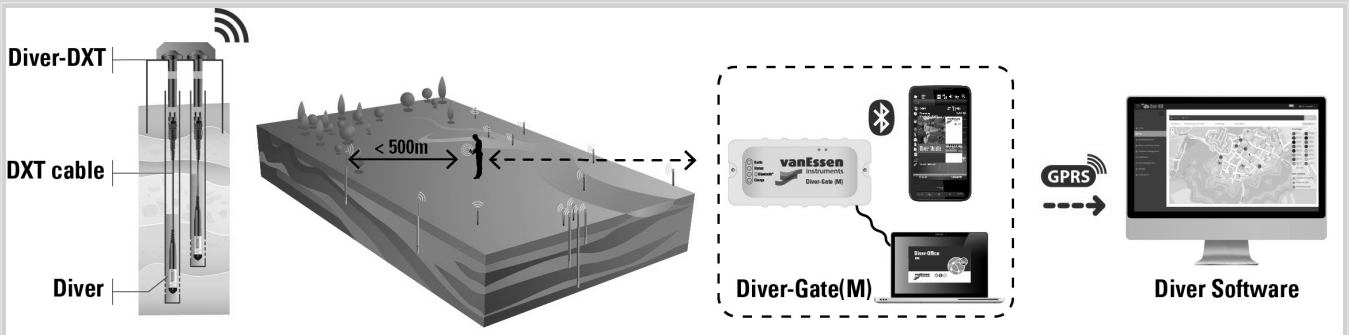
	Daily	Weekly	Monthly
Sensor Range: 10M/30' (ID: 07321).....	\$33.75	\$78.75	\$225
Sensor Range: 20M/60' (ID: 07073).....	\$33.75	\$78.75	\$225
Sensor Range: 50M/160' (ID: 07075).....	\$33.75	\$78.75	\$225
Sensor Range: 100M/325' (ID: 07724).....	\$33.75	\$78.75	\$225

##### FEATURED ITEMS

#### Van Essen Diver DXT Accessories \$

Compatible with any Van Essen Diver, the DXT system allows for wireless monitoring of ground and surface water. In the diagram below a Diver groundwater datalogger is suspended on a coaxial cable which is connected to a Diver-DXT radio device at the top of the well. A gateway, Diver-Gate, within a 500 m (1,600 ft) distance of the well is able to establish a connection with the Diver-DXT and collect the Diver data wirelessly.

	Daily	Weekly	Monthly
DXT Diver-w/Baro & Temp (ID: 17520) .....	\$22.50	\$52.50	\$150
DXT Diver-Gate Bluetooth Gateway (ID: 13963).....	\$17.25	\$40.25	\$115
DXT 10M/30ft. Cable (ID: 17519).....	\$8.25	\$19.25	\$55





\$ = sale item

Data Loggers & Pressure Transducers (cont'd)

**Van Essen Cera Diver Sensor \$** 

Level-Temp-Time

Ceramic, Withstands Harsh Conditions

Sensor Range: 50M/160' (ID: 09422).....**D** \$45      **W** \$105      **M** \$300



**In-Situ Level TROLL 700**

**Vented—Level-Temp**

Sensor Range: 69', 30psig, (ID: 13667) ..... \$75      \$150      \$450

**Accessories:**

100' Vented ETFE Cable (ID: 13668)..... \$30      \$70      \$200

200' Vented ETFE Cable (ID: 13669)..... \$52.50      \$122.50      \$350

Communications Bundle: RS 232/USB/

Win-Situ5 Software (ID: 13670).....\$15.75      \$36.75      \$105

Panasonic Toughbook (CF-19, CF-29, CF30 available)..... \$75      \$175      \$525



**Solinst Levellogger Edge \$**

Non-vented—Level-Temp-Time

Sensor Range: 10M/30' (ID: 11435).....**D** \$33.75      **W** \$78.75      **M** \$225

Sensor Range: 20M/60' (ID: 11434) .....**D** \$33.75      **W** \$78.75      **M** \$225

Sensor Range: 30M/100' (ID: 11436) .....**D** \$33.75      **W** \$78.75      **M** \$225

Sensor Range: 100M/325' (ID: 12502).....**D** \$33.75      **W** \$78.75      **M** \$225



Water

## Van Essen Pressure Transducer Ordering Guide

Use this guide to determine the Van Essen Diver that best suits your project requirements. FEI technicians prep instruments specifically for your project. This includes loading software, calibrating instruments, packing manuals and accessories. Follow this chart to select the diver, cable, and communication device to fulfill your project's requirements.

**1. Choose Diver/Range**

**Pressure, time stamp, temperature (10M/20M/50M/100M)**

- Micro-Diver
- Cera-Diver (corrosion resistant)
- TD-Diver

**Pressure, time stamp, temperature, conductivity (including salinity) (10M/50M/100M)**

- CTD-Diver

**Barometric Compensation**

- Baro-Diver

**2. Choose a Cable**


**Rope**

- 250'/500'/1000'

**1M to 100M**

- Data Cable (used for stand-alone applications)
- DXT Cable (used for stand-alone applications or to directly connect to the Diver-DXT)

**3. Choose a Device Communication**

- Diver USB optical reading unit
- Diver Interface Cable
- Diver Smart Interface Cable w/ Baro
- Diver-Gate(M)  w/Diver-DXT

**▼ LEVEL-TEMPERATURE-CONDUCTIVITY**
**FEATURED ITEM**

**Van Essen CTD-Diver Sensor \$**  
 Level-Temp-Cond-Time

The CTD Diver is ideal for long-term monitoring of salt-water intrusion, wastewater, chemical discharges, or any other contamination due to landfill runoff. This instrument measures pressure and temperature; and, is equipped with a four-electrode conductivity sensor, which measures electrical conductivity up to 120 mS/cm.

	Daily	Weekly	Monthly
Level-Cond-Temp-Time			
10M/30' (ID: 13874).....	\$60.75	\$141.75	\$405
30M/100'-optical reader only (ID: 08996).....	\$60.75	\$141.75	\$405
50M/160' (ID: 09522).....	\$60.75	\$141.75	\$405

**Van Essen Accessories:**

Baro Diver Sensor (ID: 07074) .....	\$25	\$50	\$150
10M/30' Data Cable (ID: 07095) .....	\$24	\$56	\$160
30M/100' Data Cable (ID: 07077) .....	\$28.50	\$66.50	\$190
50M/160' Data Cable (ID: 07096).....	\$32.25	\$75.25	\$215
100M/325' Data Cable (ID: 07723).....	\$43.50	\$101.50	\$290
TDS Nomad Pocket PC (ID: 07229).....	\$50	\$150	\$450
PC Interface Cable (ID: 07078) .....	\$10	\$30	\$90
Optical Reader-USB (ID: 07084) .....	\$10	\$25	\$50
Smart Interface Cable (USB) (ID: 17397).....	\$18.75	\$43.75	\$125

**Solinst 3001 LTC Levellogger Junior \$**

Level-Cond-Temp

Sensor Range: 30M/100' (ID: 08611) .....	<b>D</b> \$41.25	<b>W</b> \$96.25	<b>M</b> \$275
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**Solinst Accessories:**

Barologger (ID:07022).....	<b>D</b> \$25	<b>W</b> \$50	<b>M</b> \$150
Solinst 3001 Leveloader Gold (ID: 10460).....	<b>D</b> \$27	<b>W</b> \$63	<b>M</b> \$180
Optical Reader: USB (ID: 06134); RS232 (ID: 00448).....	<b>D</b> \$10	<b>W</b> \$25	<b>M</b> \$50
PC Interface Cable (ID: 00600).....	<b>D</b> \$10	<b>W</b> \$25	<b>M</b> \$50
Bluetooth App Interface-Direct Read (ID: 14583) .....	<b>D</b> \$17.25	<b>W</b> \$40.25	<b>M</b> \$115
Panasonic Toughbook (CF-19, CF-29, CF-30 available) .....	<b>D</b> \$75	<b>W</b> \$175	<b>M</b> \$525



\$ = sale item

# WATER MEASUREMENT ▶ Water

## Data Loggers & Pressure Transducers (cont'd)

### Additional Accessories:

#### Geotech Well Slugs \$

1.5" Well Slug:			
1/4 Gallon Displacement (ID: 03320) .....	<b>D</b> \$9	<b>W</b> \$21	<b>M</b> \$60
1/2 Gallon Displacement (ID: 15493) .....	<b>D</b> \$9	<b>W</b> \$21	<b>M</b> \$60
1.75" Well Slug:			
1/3 Gallon Displacement (ID: 14535) .....	<b>D</b> \$9	<b>W</b> \$21	<b>M</b> \$60
3" Well Slug:			
1 Gallon Displacement (ID: 03369) .....	<b>D</b> \$13.50	<b>W</b> \$31.50	<b>M</b> \$90



#### Waterra 3-Part Well Slug

1/4 Gallon Displacement (ID: 09689) .....	<b>D</b> \$13.50	<b>W</b> \$31.50	<b>M</b> \$90
1/3 Gallon Displacement-SLG-50 (ID: 15185) .....	<b>D</b> \$13.50	<b>W</b> \$31.50	<b>M</b> \$90



Note: Nylon Bailer Cord available in 250', 500', 1,000' rolls

Water

## Flow Probes & Meters

### ▼ IN-STREAM

#### FEATURED ITEM

#### OTT MF Pro Flow Meter

The OTT MF Pro is a user-friendly, low maintenance electromagnetic current meter for cost-efficient in-stream discharge measurement. This instrument saves time in the field by automatically calculating discharge and its electromagnetic sensor head is maintenance-free, ideal for use in low-flow environments, and unaffected by large amounts of organic matter.



	Daily	Weekly	Monthly
w/Velocity Sensor, 6.5' Cable (ID: 13134) .....	\$172.50	\$402.50	\$1,150
Rickly USGS Top Setting Wading Rod 4' (ID: 05868) .....	\$22.50	\$75	\$150

#### Global Water Flow Probe (Open Channel) \$

3'-6' Flow Probe (ID: 00100) .....	<b>D</b> \$67.50	<b>W</b> \$157.50	<b>M</b> \$450
5'-15' Flow Probe (ID: 01514) .....	<b>D</b> \$81	<b>D</b> \$189	<b>M</b> \$540



#### Greyline Stingray Level-Velocity Logger \$

Inline and Mounted (ID: 03171) .....	<b>D</b> \$168.75	<b>W</b> \$393.75	<b>M</b> \$1,125
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### Flow Probes & Meters (cont.)



#### ▼ IN-STREAM (CONT.)

##### GPI Digital Flow Meter

0.3 - 3GPM - 1" Aluminum (ID: 04908) .....	<b>D</b> \$60	<b>W</b> \$140	<b>M</b> \$400
0.3 - 3GPM - 1" Nylon (ID: 05238) .....	<b>D</b> \$56.25	<b>W</b> \$131.25	<b>M</b> \$375
1 - 10GPM - 0.5" Aluminum (ID: 14558) .....	<b>D</b> \$71.25	<b>W</b> \$166.25	<b>M</b> \$475
1 - 10GPM - 0.5" SS (ID: 07427) .....	<b>D</b> \$82.50	<b>W</b> \$192.50	<b>M</b> \$550
3 - 50GPM - 1" Nylon (ID: 05239) .....	<b>D</b> \$56.25	<b>W</b> \$131.25	<b>M</b> \$375
3 - 50GPM - 1" Aluminum (ID: 06091) .....	<b>D</b> \$52.50	<b>W</b> \$122.50	<b>M</b> \$350
10 - 100GPM - 1.5" SS (ID: 03873) .....	<b>D</b> \$112.50	<b>W</b> \$262.50	<b>M</b> \$750
20 - 200GPM - 2" Aluminum NPT (ID: 16362) .....	<b>D</b> \$116.25	<b>W</b> \$271.25	<b>M</b> \$775
30 - 300GPM - 2" Aluminum NPT (ID: 05387) .....	<b>D</b> \$116.25	<b>W</b> \$271.25	<b>M</b> \$775

#### ▼ PIPE/DISCHARGE

##### FEATURED ITEM



##### Greyline PDFM-IV Doppler Flow Meter *(Outside Pipe)*

The Greyline PDFM-IV Portable Doppler Flow Meter monitors and balances flow and troubleshoots flow problems in closed pipes. It is used for projects where a permanent flow meter is not required or to temporarily replace installed flow transmitters. Strapped on the outside of a pipe, the PDFM-IV ultrasonic sensor receives an acoustic pulse from particles or gases in the flowing liquid. The flow rate of any fluid can be measured as long as it contains air bubbles or solids. It is ideal for wastewater, slurries, sludge, and most chemicals, such as acids, caustics, and lubrication fluids.

(ID: 03177) ..... **Daily** \$180      **Weekly** \$420      **Monthly** \$1,200



##### Greyline Portaflow Transit Time Flow Meter PT400A *(Outside Pipe)*

for pipes 0.51" to 4.50"

(ID: 18895)..... **D** \$202.50      **W** \$472.50      **M** \$1,350

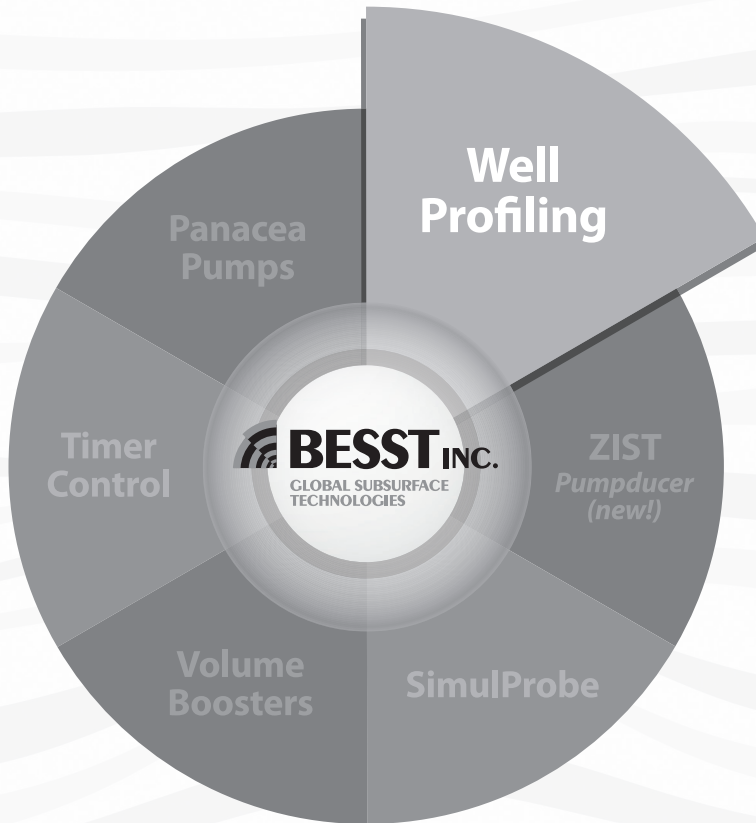


##### Greyline PDFM 5.1 Doppler Flow Meter

(ID: 17120) ..... **D** \$180      **W** \$420      **M** \$1,200

# Miniaturized Well Profiling

for groundwater production wells and test boreholes

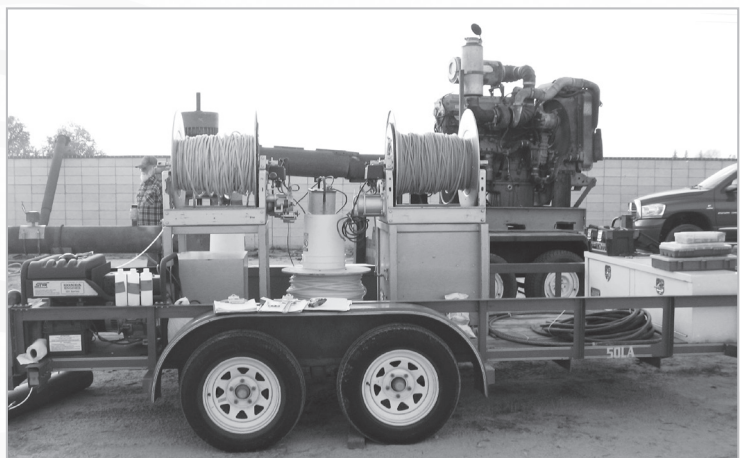


## Avoid Costly Pump Removal and Use of Test Pumps

- Patented miniaturized design of diagnostic tools
- Ambient and dynamic flow surveys
- Real-time chemistry analysis and zonal profiling
- Video surveys

## Deploy for Problematic Groundwater Wells

- ✓ Elevated arsenic
- ✓ Elevated chrome
- ✓ Elevated nitrates
- ✓ Poor well performance
- ✓ Shut-in production wells



Field Data  
SOLUTIONS



**BESST INC.**

GLOBAL SUBSURFACE  
TECHNOLOGIES

## Soil & Lead Paint Analyzers

### FEATURED ITEM



#### Olympus DELTA Pro Alloy XRF Analyzer

The Olympus DELTA Professional provides excellent performance in speed, LODs, and elemental range. It is housed in a rugged body for fast, non-destructive elemental analysis from Mg to U, from PPM to 100%.

(ID: 15801).....**Daily** \$675    **Weekly** \$1,575    **Monthly** \$4,500



#### Olympus Vanta C Series XRF Analyzer

Soil and Lead Paint Analyzer (ID: 18774)..... **D** \$750    **W** \$1,750    **M** \$5,000



#### InnovX XRF

Soil Analyzer (ID: 05771)..... **D** \$500    **W** \$1,500    **M** \$4,500

Lead Paint Analyzer (ID: 06418)..... **D** \$550    **W** \$1,650    **M** \$4,900

#### Accessory:

Stationary Test Stand (ID: 05889)..... **D** \$50    **W** \$150    **M** \$450

*Note: FEI provides online radiation safety training, which is required for using XRF instruments. Ask your customer service representative about taking the training and earning the certificate.*

## Soil Analyzers

### FEATURED ITEM



#### Spectrum Technologies FieldScout Direct Soil EC Meter

The Spectrum Technologies FieldScout, a rugged, AMD-accurate meter, eliminates the need to prepare samples, allows sampling through the profile, and automatically compensates for temperature.

	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
Meter w/8" Probe, EQSQ Class 3 (ID: 09934) .....	\$37.50	\$87.50	\$250
Meter w/24" T-Handle Probe, EQSQ Class 3 (ID: 10225).....	\$45	\$105	\$300



#### Aquaterr M-300 Moisture Meter

(ID: 06872)..... **D** \$35    **W** \$75    **M** \$175



#### Extech Soil Moisture Meter

(ID: 01887)..... **D** \$22.50    **W** \$52.50    **M** \$150



#### Spectrum Technologies FieldScout TDR 200

% Vol Water Content

(ID: 09170)..... **D** \$70    **W** \$150    **M** \$350



#### Hanna Direct Soil Activity & Solution Conductivity Measurement Kit

(ID: 17587)..... **D** \$41.25    **W** \$96.25    **M** \$275



\$ = sale item

## Sampling Equipment

### FEATURED ITEM

#### JMC SS Hand Auger \$

With the JMC Hand Auger, all pieces screw together for a durable soil auger that can sample a wide variety of soils. The auger can sample to 30 feet in most soils with additional extensions. Precisely angled cutting blades pull the auger into the soil approximately one inch with every revolution of the handgrip. These blades cut a hole slightly larger than the auger barrel for easy retraction of the auger and sample.



	Daily	Weekly	Monthly
Handle (ID: 13120).....	\$6.75	\$15.75	\$45
Clay 3" Auger Head (ID: 13119) .....	\$22.50	\$52.50	\$150
Regular 3" Auger Head (ID: 13118) .....	\$21	\$49	\$140
34" Pole (ID: 13117) .....	\$9	\$21	\$60
45" Pole (ID: 13137) .....	\$11.25	\$26.25	\$75

#### AMS Core Sampler

Split Soil Core Sampler 2" (ID: 06280).....	<b>D</b> \$50	<b>W</b> \$150	<b>M</b> \$300
2" Split SCS Core Tip (ID: 16104).....	<b>D</b> \$11.25	<b>W</b> \$26.25	<b>M</b> \$75
2" Split SCS Auger Tip (ID: 16105).....	<b>D</b> \$12.75	<b>W</b> \$29.75	<b>M</b> \$85
2" Split SCS Valved Core Tip (ID: 16106).....	<b>D</b> \$15	<b>W</b> \$35	<b>M</b> \$100
2" Split SCS Valved Auger Tip (ID: 16107).....	<b>D</b> \$15	<b>W</b> \$35	<b>M</b> \$100
Hand Auger Pole 3' (ID: 10356) .....	<b>D</b> \$9	<b>W</b> \$21	<b>M</b> \$60
Hand Auger Pole 4' (ID: 10358) .....	<b>D</b> \$10	<b>W</b> \$30	<b>M</b> \$60
Slide Hammer (ID: 00434) .....	<b>D</b> \$35	<b>W</b> \$75	<b>M</b> \$225
Removal Jack (ID: 09779).....	<b>D</b> \$20.25	<b>W</b> \$47.25	<b>M</b> \$135



#### Supplies:

Core Sampler Liner 2"x12" (ID: 08882) .....	\$6.50
Core Sampler End Cap 2" (ID: 04362) .....	\$0.60

ORDERING GUIDE for AMS Core Sampler	Step 1: Core Tips	Step 2: Pole Length	Step 3: Accessory	Step 4: Order Supplies (optional)
Split Core Sampler (2")	2" Split SCS Core Tip 2" Split SCS Auger Tip 2" Split SCS Valved Core Tip 2" Split SCS Valved Auger Tip	Hand Auger Pole 3' Hand Auger Pole 4'	Slide Hammer Removal Jack	Core Sampler Liner Core Sampler End Caps

#### AMS Flighted Auger Bundle \$

9' Depth, 2" DIA Flighted Augers, 1.5" x 6" Core Sampler (ID: 05344).....	<b>D</b> \$135	<b>W</b> \$315	<b>M</b> \$900
Hammer Drill DeWalt SDS (ID: 10534).....	<b>D</b> \$50	<b>W</b> \$150	<b>M</b> \$450
Deep Water Bottom Dredge (ID: 08925) .....	<b>D</b> \$56.25	<b>W</b> \$131.25	<b>M</b> \$375



#### AMS Slide Hammer

(ID: 00434) .....	<b>D</b> \$35	<b>W</b> \$75	<b>M</b> \$225
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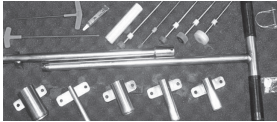


## Sampling Equipment (cont'd)



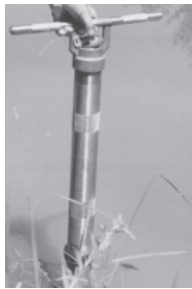
### AMS Removal Jack

(ID: 09779)..... **D** \$20.25      **W** \$47.25      **M** \$135



### EVC Multi-Increment Sampler

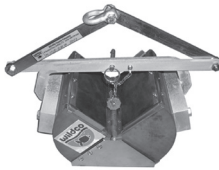
Quick Connect (ID: 12718)..... **D** \$150      **W** \$350      **M** \$1,000  
 Threaded (ID: 08483)..... **D** \$150      **W** \$350      **M** \$1,000



### Wildco Hand Core Sediment Sampler

20" Bundle (ID: 06759) ..... **D** \$33.75      **W** \$78.75      **M** \$225  
 48" Bundle (ID: 09730)..... **D** \$38.25      **W** \$89.25      **M** \$250  
 5' Extension Pole (ID: 06757)..... **D** \$7.50      **W** \$17.50      **M** \$50  
 Nose Piece (ID: 07493) ..... Call for price  
 Core Liner w/Caps: 20" (ID: 06559) ..... Call for price  
 Core Liner w/Caps: 48" (ID: 09731) ..... Call for price  
 Eggshell Catchers (ID: 07492) ..... Call for price

ORDERING GUIDE for Wildco Hand Core Sampler	Extension Poles (required rental)	Nose Piece (required rental)	Core Liners w/Caps (optional sale item)	Egg Shell Catcher (optional sale item)
Bundle includes core, head assembly, 5' pole and handle 20" Bundle 48" Bundle	Add 5' extension poles as needed for depth (up to 15')	Add nose piece (sale item)	20" Core Liners w/Caps 40" Core Liner w/Caps (sale items)	Add Egg Shell Catcher (sale item)



### Wildco Petite Ponar Bottom Grab Sampler

25 lbs - 6" Bucket (ID: 05597) ..... **D** \$45      **W** \$105      **M** \$300  
 45 lbs - 9" Bucket (ID: 09708) ..... **D** \$56.25      **W** \$131.25      **M** \$375



\$ = sale item

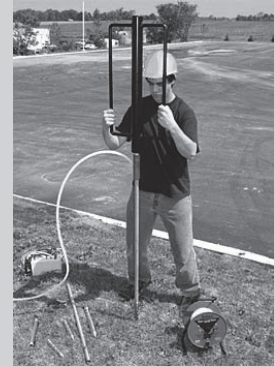
## Soil Vapor Sampling

### FEATURED ITEM

#### Solinst Model 615 SS Drive Point Piezometer \$

The Solinst Model 615 Drive Point Piezometer monitors shallow groundwater and soil vapor. The drive-points attach to inexpensive 3/4" (20 mm) NPT steel drive pipe. They are designed for single-use installations, not for removal and reuse. Solinst Drive-Point Piezometers are most often installed as permanent well points. They can also be used for temporary, short-term monitoring applications.

	Daily	Weekly	Monthly
Drive Head Assembly w/3' Extension Bundle (ID: 11443).....	\$18.75	\$43.75	\$125
Manual Slide Hammer-17 lb. (ID: 12405) .....	\$15	\$45	\$135
Manual Slide Hammer-25 lb. (ID: 11442) .....	\$15	\$45	\$135
Additional 3' Extension-optional (ID: 11463) .....	\$10	\$20	\$60
Removal Jack (ID: 09779).....	\$20.25	\$47.25	\$135
615 Drive Point Piezometer 6" w/Barb (ID: 04752) .....			\$82
615 Drive Point Piezometer 1' SS w/Barb (ID: 09153) .....			\$85
615N Drive Point Piezometer 1' SS (no barb) (ID: 12373).....			\$80
615C Drive Point Piezometer 1' Point (1/4" compression) (ID: 14518) .....			\$105
615N Drive Point Piezometer 6" SS (no barb) (ID: 07484) .....			\$65
615SN Drive Point Piezometer 6" Shielded Point (no barb) (ID: 07485) .....			\$135
615S Drive Point Piezometer 6" Shielded Point (w/barb) (ID: 11460) .....			\$154
615SN Drive Point Piezometer 1ft Shielded Point (no barb) (ID: 13762) .....			\$158



ORDERING GUIDE for Drive Point Piezometer	Slide Hammer (required rental)	Extensions (optional rental)	Removal Jack (required rental)	Drive Point Tips (optional sale)
Bundle includes manual drive head, 3' SS extension, tubing bypass, coupler	17 lbs 25 lbs	Additional 3' extensions as needed		Variety of tips available. Please see list above.

#### AMS Tile Probe Complete (w/Handle, Adapter, Probe, Tip) (5/8" x 4')\* (ID: 04901)

D \$10      W \$15      M \$45

#### AMS Slide Hammer\*

(ID: 00434) .....D \$35      W \$75      M \$225

#### AMS Removal Jack \*

(ID: 09779).....D \$20.25      W \$47.25      M \$135

#### AMS Accessories for Sale:

GVP Original Kit (ID: 04047) .....	\$363
GVP Dedicated Probe Tip and Umbrella (ID: 04209).....	\$18.80
GVP Screens (ID: 05509).....	\$3.70
GVP Tip Drive End 5/8" (ID: 05776).....	\$35.10
GVP Extension 5/8" x 4' (ID: 16504) .....	\$155.11
GVP Extension 5/8" x 3' (ID: 05775) .....	\$125.10
Extension Drive Adapter to 3/4" ID Tubing Bypass (ID: 05777).....	\$75
Slide Hammer Adapter to 3/4" OD (ID: 05778).....	\$50.60
Tubing LDPE: 1/4" ID x 3/8" OD—100 ft. rolls (ID: 00054).....	\$0.25/ft.
Tubing Teflon-Lined Poly-1/4" ID x 3/8" OD—100 ft. rolls (ID: 00699) .....	\$1.75/ft.

\*AMS note: Pre-drill if sampling deeper than two feet to avoid damage to rental and sale items.



## GPS Mapping

### FEATURED ITEM



#### Geneq SX Pro GNSS GPS

The Geneq SXPro GNSS is a rugged all-in-one professional grade GNSS data collector with 372 channels of multi-constellation (GPS-GNSS-BeiDou) designed to achieve real-time sub-meter positioning. The SXPro is equipped with an 806 MHz CPU processor, 256 MB DDR RAM, a 5.0 MP camera with AF, a microphone, a speaker, and a GPRS/EDGE-Cellular network connection using a SIM card.

(ID: 15376) ..... **Daily** \$100      **Weekly** \$300      **Monthly** \$900

### FEATURED ITEM



#### Geneq iSXBlue II+ GNSS GPS

The Geneq iSXBlue II+ GNSS is Bluetooth Submeter GIS Receiver for iPad/iPhone, palm-sized, that delivers real-time, high accuracy performance using GPS/GLONASS satellites and free SBAS corrections for your iPad/iPhone. Its battery-powered lightweight design makes it the ideal choice for a variety of mapping apps including GIS, forestry, mining, utilities, agriculture, surveying, and environmental.

(ID: 15377) ..... **Daily** \$75      **Weekly** \$225      **Monthly** \$675

### FEATURED ITEM



#### Trimble Geo7X Series

The Trimble® Geo 7X handheld is from the Trimble GeoExplorer® series family of integrated, rugged, and high-accuracy GNSS handhelds. This instrument provides easy, productive asset data capture with remote mapping and measurement, allows for capturing more positions and increased accuracy in tough GNSS environments, and provides flexible software options to collect, process, and manage data with simple, connected workflows.

(ID: 13597) ..... **Daily** \$175      **Weekly** \$525      **Monthly** \$1,575  
 w/ Range Finder (ID: 18029) ..... **Daily** \$175      **Weekly** \$525      **Monthly** \$1,575



#### Trimble GeoXH 6000 Series System

Decimeter/Centimeter Accuracy

(ID: 11966) ..... **D** \$175      **W** \$525      **M** \$1,575



#### Trimble Zephyr Antenna

Unit w/2M Range Pole, Bracket

(ID: 07377) ..... **D** \$90      **W** \$210      **M** \$600

# Survey & Measurement

\$ = sale item

## Downhole Mapping

### Heron dipper-See EXAMINER Downhole Camera \$

Unit w/ 500' Cable (ID: 17562)..... **D** \$225      **W** \$525      **M** \$1,500



### Well-Vu Downhole Camera \$

Unit w/300' Cable (ID: 17118)..... **D** \$175      **W** \$446.25      **M** \$1,275



### Subsurface Instruments Gradiometer MUL

Up to 100' Depth

(ID: 07767)..... **D** \$187.50      **W** \$437.50      **M** \$1,250

50' Cable (ID: 07773)..... **D** \$26.25      **W** \$61.25      **M** \$175

100' Cable (ID: 17116)..... **D** \$30      **W** \$70      **M** \$200



### Exttech Video Borescope/Wireless Inspection Camera BR250

9mm Camera/3.5" Color Wireless Monitor

(ID: 10552)..... **D** \$33.75      **W** \$78.75      **M** \$225



## Automatic Levels

### LaserMark LMH-C Automatic Self-Leveling Rotary Laser

Range: 2,000'

(ID: 00809)..... **D** \$50      **W** \$125      **M** \$300



### TopCon Auto Level Model AT-G6

24x Magnification

(ID: 01438)..... **D** \$50      **W** \$85      **M** \$255



### Nikon Auto Telescopic Level-360 Degree

(ID: 14394)..... **D** \$50      **W** \$85      **M** \$255



Survey & Measurement

## Magnetic Locators



### Schonstedt GA-72Cd Magnetic Locator

Up to 8' Depth

(ID: 00104)..... **D** \$50      **W** \$125      **M** \$300

### Schonstedt MAC-51Bx Magnetic & Cable Locator

Up to 12' Depth

(ID: 06016)..... **D** \$67.50      **W** \$157.50      **M** \$450



### Exttech Triple Axis EMF Tester

(ID: 05970)..... **D** \$15.75      **W** \$36.75      **M** \$105

## Electrofishers



### Smith-Root LR-24 Electrofisher

Backpack Model

(ID: 07483)..... **D** \$300      **W** \$900      **M** \$2,700

## Weather Monitoring/Handheld



### FEATURED ITEM

### Exttech Hygro-Thermometer

The Exttech Hygro-Thermometer features a built-in sensor and internal memory. The instrument's data logging function stores 7000 readings with a single manual or a programmable sample rate of one to 65 seconds per sample.

Rel. Humid-Dew Pt-Temp

(ID: 03970)..... **Daily** \$15      **Weekly** \$26.25      **Monthly** \$75



### Exttech Light Meter (LT300) \$

(ID: 01935)..... **D** \$13.50      **W** \$31.50      **M** \$90

\$ = sale item

# Survey & Measurement

## Weather Monitoring/Handheld (cont'd)

### Kestrel 4500 Pocket Weather Tracker

(ID: 14562) ..... **D** \$27      **W** \$63      **M** \$180



## Weather Monitoring/Weather Stations

### FEATURED ITEM

### Met One Sonic Weather Station

The Met One Sonic Weather Station (SWS) is a complete high-performance weather sensor using Met One Instruments' proven 2D sonic technology. This technology provides reference-grade accuracy without moving parts and a built-in compass used for automatic alignment of the sensor. The temperature and humidity elements are integrated into an IP65 sealed module with a quick disconnect for ease of calibration in the field. The pressure element is precisely calibrated and temperature compensated for outstanding performance. The SWS is designed for surface meteorological applications where accuracy and reliability matter.



	Daily	Weekly	Monthly
WS-WD-Temp-Baro-Hum			
AIO2 Sonic Weather Station w/15' Cable (ID: 13749).....	\$114.75	\$267.75	\$765
AutoMet Datalogger Model 580 w/Air Plus			
Software (ID: 16159).....	\$56.25	\$131.25	\$375
Tripod 905 (ID: 11730) .....	\$12.75	\$29.75	\$85
Rain Gauge 6" 0.01" w/ 15' Cable (ID: 13503) .....	\$11.25	\$26.25	\$75

### Davis Vantage Pro 2 Wireless Weather Station

1,000 ft range; Measures barometric pressure, temp, humidity, rainfall, wind speed/direction

(ID: 05803) ..... **D** \$67.50      **W** \$157.50      **M** \$450



## Materials Testing

### FEATURED ITEM

### Phase II+ Ultrasonic Thickness Gauge 2800 \$

The Phase II UTG-2800 offers basic measurement, scanning capabilities, adjustable sound velocity, extended memory, and USB output capabilities. This instrument measures the thickness of metallic and non-metallic materials such as steel, aluminum, titanium, plastics, ceramics, glass and any other good ultrasonic wave conductor, as long as it has parallel top and bottom surfaces. The UTG-2800 ultrasonic thickness gauge will accurately display readings in either inch or millimeter after a simple calibration to a known thickness or sound velocity.

	Daily	Weekly	Monthly
Unit Only (ID: 10648) .....	\$45	\$105	\$300
2.25MHz Probe (ID: 10647) .....	\$13.50	\$31.50	\$90
5.0MHz Probe (ID: 08820) .....	\$13.50	\$31.50	\$90



Survey & Measurement

## Materials Testing (cont'd)

### FEATURED ITEM



#### GSSI GPR StructureScan Mini XT with 3D

The StructureScan Mini XT offers a 2.7 GHz antenna for superior target resolution and can reach depths of up to 24 inches. It ideal for locating the position and depth of metallic and non-metallic objects in concrete structures, including rebar, conduit, post-tension cables, voids and service utilities. The Mini XT can help identify structural elements including pan deck, concrete cover, and slab thickness.

(ID: 18926).....**Daily** \$450    **Weekly** \$1,050    **Monthly** \$3,000

#### Extech Water Damage Restoration Kit

0-6 lbs.

(ID: 14831).....**D** \$24    **W** \$56    **M** \$160



#### Phase II+ Paint Thickness Gauge 3500

Unit Only

(ID: 14521).....**D** \$33.75    **W** \$78.75    **M** \$225



#### Phase II+ Ultrasonic Thickness Gauge Handheld

UTG-2700 w/Through Coating Capabilities

Unit Only (ID: 14577).....**D** \$56.25    **W** \$131.25    **M** \$375

#### Protimeter Surveymaster SM Moisture Meter

(ID: 00183).....**D** \$25    **W** \$52.50    **M** \$150



#### Testo 875-1 Thermal Imaging System

(ID: 08875).....**D** \$149.25    **W** \$348.25    **M** \$995

#### Testo 875-2 Thermal Imaging System

(ID: 12665).....**D** \$149.25    **W** \$348.25    **M** \$995

#### Phase II Vibration Meter DVM-2000 \$

(ID: 15307).....**D** \$48.75    **W** \$113.75    **M** \$325



# Project Support

\$ = sale item

**Electronics**

**FEATURED ITEM**

**Panasonic Toughbook CF-19**

The Panasonic Toughbook features a 10.4" sunlight-viewable LCD touchscreen with Panasonic CircuLumin™ technology and Intel® Core™ Duo processor. Options include built-in 802.11a/b/g WiFi, Bluetooth, 8.5-hour battery life, and dual touch LCD (touchscreen and digitizer). In addition, a six-foot drop & IP65 certified design with a full magnesium alloy case help ensure that the Toughbook 19 will stand up to the most rigorous environments.



(ID: 09224)..... **Daily** \$75      **Weekly** \$175      **Monthly** \$525

**Motorola XTN Two-Way Radios**

UHF (Price for Pair) 5-Mile Range

(ID: 00484) ..... **D** \$25      **W** \$52.50      **M** \$150



**TDS Nomad Pocket PC**

Windows 7

(ID: 07229)..... **D** \$50      **W** \$150      **M** \$450



**Trimble Yuma 2 Tablet Computer**

Windows 7

(ID: 13201)..... **D** \$100      **W** \$300      **M** \$900



## Power

### FEATURED ITEM



#### Honda EU2000 Super Quiet Generator\*

The Honda EU2000 Generator features a Honda overhead cam engine. It's lightweight and compact for easy portability. It is fully enclosed for a quiet operation. The generator offers high-quality and high-power output, low fuel consumption, electronic ignition and circuit breakers, and simultaneous AC/DC use.

(ID: 06901)..... **Daily** \$75      **Weekly** \$225      **Monthly** \$450



#### Honda EB5000 Industrial Generator\*

(ID: 00061)..... **D** \$75      **W** \$225      **M** \$450



#### Honda EU7000 Portable Generator\*

(ID: 16788)..... **D** \$225      **W** \$525      **M** \$1,500



#### Proactive Crusader Gas Powered Generator\*

12V DC, 50 Amp (ID: 18365)..... **D** \$82.50      **W** \$192.50      **M** \$550



#### Honda EZ3500 Economy Generator\*

(ID: 00779)..... **D** \$75      **W** \$225      **M** \$450



#### Pyramid Regulated Power Supply\*

(ID: 05307)..... **D** \$25      **W** \$50      **M** \$100



#### Proactive 44 AMP Mobile Battery Pack

(ID: 18364)..... **D** \$30      **W** \$70      **M** \$200

#### 12V VMAX 125 AGM Deep Cycle Battery\*

(ID: 12259)..... **D** \$45      **W** \$105      **M** \$300

\*These items cannot be shipped and are only available for local delivery/pickup.





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# FEI Policies

- ◆ Companies' policies and procedures can make renting or purchasing equipment dramatically different. FEI strives to keep the process as simple as possible with an eye on helping you keep your project costs under control. FEI is committed to being the quality leader in the industry.

## Our Commitment to You

- ◆ You can place orders with FEI 24 hours a day by telephone, fax, or email to an FEI representative or an FEI office.
- ◆ You receive clean, calibrated, and functioning rental equipment each and every time.
- ◆ Prior to leaving our location, each item in your order is subject to a quality assurance check by at least two FEI representatives.
- ◆ For no additional charge, FEI will deliver equipment and supplies one day prior to the rental term start date to allow you time to review your order and operational status before use.
- ◆ FEI ships same day from all of its locations.
- ◆ If, for any reason, you are not satisfied with your equipment, FEI will work with you to determine what replacement equipment will meet your objectives and then promptly ship it to you.
- ◆ In the event of an equipment malfunction, FEI will provide technical assistance and support to help you complete your project. We will work diligently to resolve issues to your satisfaction.

## Rental Policies

- ◆ With local delivery and standard overnight shipments, the rental term normally commences on the business day following delivery.
- ◆ For equipment you have asked to be delivered before noon, the rental term begins the day the order is received by you.
- ◆ For shipped equipment, the rental term ends the business day before the day the equipment is received at one of our locations. For local deliveries the rental term ends the day you call for pickup.
- ◆ Your rental rate is eligible for adjustment if your rental term changes from a daily to a weekly rental or from a weekly to a monthly rental. FEI will modify your rental rate to achieve the lowest overall rental cost, based on our scheduled rates.

## Shipping Policies

- ◆ FEI offers free local delivery and pickup in any metropolitan area where we have a location.
- ◆ FEI will assist you with finding the most economical and efficient shipping or delivery method available including shipping to and from locations nearest your projects.
- ◆ Equipment is shipped via UPS or Federal Express. Each service provides daily delivery as early as 8:30 a.m. If needed, weekend delivery is available. Ask your FEI representative for details.
- ◆ FEI will arrange for the shipping of orders directly from our vendors for out-of-stock items or special orders or equipment you buy.

## Rental Returns

- ◆ Equipment can be returned to the appropriate FEI office via standard next-day delivery or local pickup, depending on your location.
- ◆ When returning equipment delivered locally from one of our offices, call your FEI representative for a return authorization number and to schedule pickup.

## New Equipment Returns and Warranties

- ◆ When you purchase equipment from FEI, only the return policies and warranties of the equipment's original manufacturer will apply.
- ◆ Returns require a return authorization before shipping. Please contact your FEI representative for details.

## Calibration and Maintenance

- ◆ As part of your rental, instruments are serviced and calibrated to their manufacturer's specifications. You will not be charged any separate fees for these services.

## Equipment Expectations

- ◆ FEI must be notified promptly when equipment is missing, defective, or malfunctioning. Waiting until the end of a rental period to inform us that equipment or supplies are missing, damaged, or malfunctioning will not result in credit to your account.

## Rental Fees

- ◆ FEI understands that you may need to lengthen the time you use our equipment because of unexpected delays and/or conditions. If you have already received your equipment, please notify us if your rental period needs to change. We will strive to accommodate your schedule, although our normal rental fees will continue to accrue. Please contact your FEI representative for details.

## Terms and Conditions

- ◆ When you place an order with FEI, your agreement with us includes the terms and conditions set forth on our website.
- ◆ Please see <https://www.fieldenvironmental.com/terms-and-conditions.html> to review those binding provisions, including the limitations on the amount of FEI's liability for damages.

# FEI Full-Service Locations



## RENTAL RATES

- Competitive industry pricing
- Flexible rental terms, real-time rentals
- Rental period **STARTS** the day after you receive the equipment (except for morning deliveries)
- Rental period **ENDS** the business day before FEI receives the equipment; for **LOCAL PICK-UP**, the rental period ends the day you call

## DELIVERY

- **FREE** local delivery and pick-up of equipment
- You will receive your equipment the day before your rental starts
- Items shipped via FedEx or UPS worldwide

## EQUIPMENT

- No calibration or maintenance fees
- Instruments serviced and calibrated to manufacturers' specifications

## SUPPORT

- 24-hour technical support, service, and delivery
- Cleaning, calibration, and service of the industry's most popular equipment



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