

MRO Solutions SubSurface Instruments



SubSurface Instruments

SubSurface Instruments: Underground/Underwater Locator Products

Find pipes and cables *before* you dig.

Prevent damage to your gas, electric, and cable infrastructure by locating buried PVC pipes, PE pipes, plastic or nearly any other subsurface object before your project begins. Using patent-protected technology developed by SSI, these subsurface detectors help you find buried PVC pipes and other objects that magnetic locators can't find.

SubSurface Instruments Inc.

SSI is a leader in pipe & cable location. Engineers at SSI designed a comprehensive line of professional underground instruments for every need including surveying, construction, ordnance removal, excavation, and exploration. The water, sewer, power, telecom, cable and gas industries rely on the dependability of these sensitive tools to make crucial measurements in the world's most challenging conditions. All SubSurface products are manufactured in the US.

SSI products are now available from Noble Supply to government purchasers on GSA contract vehicles as well as to military purchasers through the DLA Prime Vendor Program. Contact Noble for all your subsurface instrument and detector needs.



SubSurface Products

- ✓ All Materials (Edge) Locators
- ✓ Magnetic Locators
- ✓ PVC Pipe Locators
- ✓ Cable Locators
- ✓ Water Leak Detectors

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All Materials (Edge) Detectors

AML Plus™ All Materials Locator

Noble Item No: [N625G62](#)

The all-new AML Plus™ is a scientific instrument that utilizes ultra-high radio frequencies to find differences in densities. This offers the best method for locating PVC and PE pipes, and nearly any other object that has an edge.

- New Microprocessor Intelligence and patented radio wave technology
- Lightweight, shock-resistant material construction; weighs only 2 lbs and has an ergonomic handle
- High-quality headphones
- 9 sensitivity settings
- Waterproof carrying case included
- USB powered port allows users to export GPS coordinates, import the latest firmware updates, and connect to the auxiliary rechargeable lithium battery source
- Laser target indicator is easy-to see on the ground to zero in on position
- 3-year limited warranty



AML Pro™ All Materials Locator

Noble Item No: [N625G63](#)

The all-new AML Pro™ is a scientific instrument that utilizes ultra-high radio frequencies to find differences in densities. This offers the best method for locating PVC and PE pipes, and nearly any other object that has an edge.

- New Microprocessor Intelligence and patented radio wave technology
- Lightweight, shock-resistant material construction; weighs only 2 lbs and has an ergonomic handle
- High-quality headphones
- 32 sensitivity settings
- GPS Plotting and Tracking
- USB powered port
- Backlit display
- Digital Leveling Meter
- Digital Targeting Indicator
- 3-year limited warranty
- Waterproof carrying case and rechargeable lithium battery included



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Leak Detectors

LD-12 Water Leak Detector

Noble Item No: [N625J20](#)

The LD-12 water leak detector is a very easy-to-use detector, featuring six filters that allow the unit to screen outside noise and zero in on water leaks. The LD-12 is a must for every water utility as it's the professional's water leak detector. Considered one of the best leak detection locators for the price. Large meter display, allowing the user to pinpoint the exact location. High-sensitivity ground microphone and low "electronic noise" amplifier combine to offer the best quality sound leak detection.

- Includes amplifier with meter display and filter controls, ground microphone and hand switch, aviation-grade stereo headphones
- Large meter display
- Six selectable filters, split into 3 "low-" and 3 "high-" side filters
- Heavy duty ABS carrying case included
- High sensitivity ground microphone
- Three accessories for pinpointing a leak; ground plate, magnetic base, and contact rods



LD-18 Water Leak Detector

Noble Item No: [N625J21](#)

The new LD-18 Digital Water Leak Detector is the first water leak detecting instrument to offer automatic noise reduction from intermittent interfering noises, like passing vehicles, people talking, and pedestrian footsteps. This leak detector finds leaks quickly and easily. Amplifier easily identifies leak sounds. All-digital amplifier with automatic noise reduction of environmental sounds, high and low filters, storage and graphing of leak noises at different locations on pipe.

- Bar graph and numeric display of sound loudness
- USB connection
- Back light
- Storage and graphical display of the leak's loudness at multiple locations along the pipe
- Five high frequency filters, three low frequency filters (plus Low filter OFF setting), and 2 notch filters (plus notch filter OFF setting) to remove continuous interference noises
- Automatic noise reduction capability for intermittent noises such as pedestrian footsteps, people talking, and passing vehicles
- Piezo electric ceramic sensor
- 5-year Warranty
- Weight: 15.8 lbs



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Metal Detectors

ML-1 Detection of Ferrous Metal Objects

Noble Item No: [N625J22](#)

The ML-1 is one of SSI's longest-enduring and popular products for magnetic detection. Whether you're seeking corner markers (iron or steel), well casings, steel drums or septic tank handles, this is the go-to magnetic locator for you. And for good reason.

The ML series offers simple one-handed operation with an easy-to-learn keypad featuring only three buttons - no menus or cumbersome instructions to follow. The audio unit has the volume built into the on/off key; just hold down the key while it cycles through the settings. The ML-1 features strong monotube construction, providing structural integrity you can count on.

- Easy to learn: 3 keypad switches: on/off and volume, sensitivity up or down
- Speaker in front panel; outstanding volume
- Microprocessor remembers the volume and gain settings from last operation of unit
- Strong aluminum monotube construction; lightweight (2 lbs)
- Uses 2 regular alkaline 9-volt batteries. Includes carrying case



ML-1M Detection of Ferrous Metal Objects

Noble Item No: [N625J23](#)

The ML-1M is one of the longest-enduring and industry-leading products for magnetic detection. Whether you're seeking corner markers (iron or steel), well casings, steel drums or septic tank handles, this is the go-to magnetic locator for you. It offers simple one-handed operation with an easy-to-learn keypad featuring only three buttons - no menus or cumbersome instructions to follow. The audio unit has the volume built into the on/off key; just hold down the key while it cycles through the settings. The ML-1M features strong monotube construction, providing structural integrity you can count on.

Engineered to operate identically with the ML-1 with the same controls, but with extra features.

- All the same features as the ML-1 with additional features:
- Digital meter provides visual signal strength, polarity indication, gain setting, and battery life display
- Works with 2 standard 9-volt alkaline batteries
- 40 hours avg. battery life; includes soft carrying case
- 7-year Warranty



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Metal Detectors

ML-3L Detection of Ferrous Metal Objects

Noble Item No: [N625J24](#)

The ML-3L is a much-anticipated and welcome addition to the ML family of magnetic locators, the best in innovation at work for the water/sewer industry, surveying industry and military.

The ML-3L reflects many of the items on technological wish lists. It's 55", making it the longest magnetic locator on the market. It allows you to make the biggest sweeps possible without compromising on accuracy. The ML-3L provides ergonomic, lightweight, durable, one-handed operation option to traditional magnetic locators. All components are housed inside the aircraft-grade aluminum monotube units.

This unit is 100% waterproof up to 220 feet - a first for the industry - so it can be used in difficult weather and submerged under water. Plus, its auto-zero feature allows the user to "cancel" ambient magnetics or magnetic gradient in the soil or water. It's digitally tuned, so it offers unparalleled accuracy.



- 55" long, 2.8 lbs
- 3 standard 9-volt alkaline batteries
- Speaker pitch increases in frequency proportional to gradient field intensity
- LCD display with bar graph indicating polarity and relative signal strength. Low battery indicator.
- 7-year warranty

ML-3S Detection of Ferrous Metal Objects

Noble Item No: [N625J25](#)

The ML-3S is a much-anticipated and welcome addition to the ML family of magnetic locators, the best in innovation at work for the water/sewer industry, surveying industry and military.

The ML-3S reflects many of the items on technological wish lists. It's 40" to meet surveyors' personal preferences, providing an ergonomic, lightweight, rugged, one-handed operation option to traditional magnetic locators. All components are housed inside the aircraft-grade aluminum monotube units.

This unit is 100% waterproof up to 220 feet - a first for the industry - so it can be used in difficult weather and submerged under water. Plus, its auto-zero feature allows the user to "cancel" ambient magnetics or magnetic gradient in the soil or water. It's digitally tuned, so it offers unparalleled accuracy.



- 40" long, 1.8 lbs
- 3 standard 9-volt alkaline batteries
- Speaker pitch increases in frequency proportional to gradient field intensity
- LCD display with bar graph indicating polarity and relative signal strength. Low battery indicator.
- 7-year warranty

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Pipe and Cable Locators

PL 1500 Pipe and Cable Locator

High, 83 kHz Noble Item No: [N625J30](#)

Low, 8 kHz Noble Item No: [N625J31](#)

The PL-1500 pipe and cable locator is a single frequency locator that comes in a 83 kHz High model or a 8 kHz Low model. The PL-1500 is a very durable unit that is a work of art in its simplicity of use and sophistication of operation. There are no menus to learn; just three ways of applying a signal (conductive, clamp and inductive, which not all locators offer). So you're sure to locate all utilities. Plus, the PL-1500 is a lightweight, compact yet sturdy design.

- PL-1500 Low transmitter has 3.0 Watts power output in the Direct Connection mode, allowing locates for longer distances
- 1.0 Watt power output in the Direct Connection mode
- Weight: 3.5 pounds, with large, easy-to-read LCDs and thumb-controlled switches
- PL-1500 transmitters show the actual, measured output current in the Direct Connection mode. If the output current is low, just increase the output power level or move the ground stake.
- Padded carrying case



PL 2000 Multifrequency Pipe and Cable Locator

Noble Item No: [N625J32](#)

The PL-2000 multifrequency pipe and cable locator is a very durable unit that is a work of art in its simplicity of use and sophistication of operation. It is unique in that it offers four modes: peak, null, distance and sonde. Plus, it's a workhorse, offering three active frequencies, two passive frequencies, four modes of operation and both inductive and direct connection capabilities. And all its components are housed in a well-protected, lightweight and easy-to-use design.

- 3.0 watts power output in the Direct Connection mode; allowing locates for much longer distances.
- Padded carrying case
- Three "active" frequencies at a nominal 0.5 kHz, 8 kHz and 27 kHz, plus two "passive" frequencies - the 50/60 power and radio passive
- Four operating modes



Four different operating modes:

Peak Mode: for the most accurate locates and for depth measurement

Null Mode: for fast, easy tracking (also indicates "left" or "right")

Dist Mode: for even longer distances - up to 50 percent farther

Sonde Mode: for locating sewer Sondes and measuring their depths. Any 512 Hz/8 kHz will be detected.

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Mission Critical Supply Solutions

Noble at a Glance:

At Noble, we continuously streamline the procurement process using state-of-the-art technology to deliver a huge selection of materials, supplies and services to the DoD and Federal Government agencies. Our contracts with the U.S. Federal Government give us the opportunity to distribute millions of trusted, brand-name items to military and civilian government customers.

- 52 global locations
- Millions of brand-name products
- 11,000 suppliers
- 225K task orders processed annually
- ISO 9001:2015 and ISO 14001:2015 Certified
- Proudly serving:
U.S. Army, U.S. Navy, U.S. Marine Corps, USCG, USAF, FEMA and Civilian Government Agencies



Mission Essential Products

- Industrial and MRO supplies
- Construction materials
- Personal protective equipment
- Office supplies and furniture
- Military & law enforcement gear
- Emergency preparedness supplies

Customized Logistics Services

- Expeditious logistics support
- Supply chain management
- Combat logistics support
- Storefront operations
- Disaster relief support
- Hazmat logistics

DLA TLS Prime Vendor Program

Noble offers preferred pricing and tailored logistics support services under the MROPrime Vendor Program.

- Supply chain management
- A single point to consolidate fulfillment of requirements
- 24/7 customer service
- Custom system integration to support defense ordering requirements
- An infrastructure of base operations and warehouses to maintain supply and facilitate delivery
- Contingency capabilities to cover national emergencies, natural disasters, relief efforts, troop deployments, and additional operations associated with military public works and civil engineering exercises

DLA TLS PV Contract Holder

CENTCOM MRO	SPM8E3-14-D-0002	SOUTHEAST ZONE 2	SPE8EG-14-D-0010
AFRICOM ZONE 2	SPE5B1-14-D-0002	NORTHEAST ZONE 2	SPE8E3-15-D-0033
EUCOM ZONE 1	SPE5B1-15-D-0001		



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Contract Holder

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