

2026 Catalog





Jack Fisher, Founder

Rated #1 by U.S. Department of Homeland Security.

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JW Fishers' Pulse 8X has been recognized as the best underwater metal detector by the U.S. Department of Homeland Security's (DHS) SAVER program. This System Assessment and Validation for Emergency Responders (SAVER) program was established to help emergency responders make informed procurement decisions. The SAVER program conducts objective assessments and validations of commercial equipment and systems within the DHS Science and Technology Directorate. It provides the emergency responder community with these results, along with other relevant equipment information. In a comparison of the top eight underwater detectors on the market, Fisher's Pulse 8X was rated number one!



The tools used by law enforcement agencies to investigate crimes and maintain public safety are crucial to their success. Police and sheriff's offices across the country are now equipping their teams with underwater metal detectors to ensure safe and effective mission execution. These metal detectors are essential for locating evidence disposed of in waterways and routinely assist public safety divers in finding weapons, shell casings, stolen items, and explosive devices.



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JW Fishers' Remote Operated Vehicle

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SeaLion-3 Remote Operated Vehicle



The SeaLion-3 ROV is ideally suited for a variety of applications:

- Homeland security operations
- Pipeline inspections
- River and ocean searches
- Dam surveys
- Oil and gas platform work
- Aquaculture



The SeaLion-3 ROV continues JW Fishers' tradition of delivering value and innovation. It features twice as many thrusters for horizontal movement and is more powerful than its predecessor. Equipped with four vectored thrusters, the ROV can move horizontally in any direction and rotate in place. Additionally, it has three thrusters for vertical diving and lifting, which enhances its vertical power. The unique placement of the vertical thrusters allows for adjustments in pitch and trim. The SeaLion-3 is rated for depths of up to 1,000 feet, with an option for a tether extending to 1,500 feet.

Designed for excellence with two full HD video cameras, both in the front and rear of the system, that provide seamless recording! The innovative front camera includes pan and tilt features, while the auxiliary camera offers flexible manual positioning, ensuring you achieve the best viewing angles. Enjoy effortless control with a user-friendly USB game pad or an intuitive touchscreen monitor. The SeaLion-3 conveniently records directly to internal storage, making playback and exporting to USB devices a breeze. Plus, with the capability to capture over 200 hours of HD video, this solid-state storage is perfect for extended adventures. Get ready to explore with confidence and clarity!

The redesigned topside console is a major advancement in ROV management, featuring two vibrant monitors for excellent views. The main 15-inch monitor provides 1080p video from one or both cameras, along with a picture-in-picture option. Key sensor readings and navigational data, including GPS position, depth, temperature, and altitude, are easily accessible, enhancing operational efficiency and situational awareness.

The SeaLion-3 features advanced IMU and depth sensors for impressive automated "hold" modes. This technology allows the ROV to maintain depth, altitude, and magnetic heading independently, freeing operators to focus on exploration. Experience seamless underwater adventures with the reliable SeaLion-3 as your partner!



Sector Scanning Sonar



User adjustable rear camera



User adjustable gripper

ALL video systems come standard with 1080p HD-TVI cameras!

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Unit	Camera Resolution	Recording Capability	Topside Viewing	Options
TOV-2 HD	1920 x 1080 (1080p) full-HD	Yes	Yes	-Cable connector - VRM-2 HD - DDW-1 wing - CMS System - 500' depth capability
DV-2 HD	1920 x 1080 (1080p) full-HD	Yes	Yes	-Cable connector - VRM-2 HD - CMS System - 500' depth capability
DHC-2 HD	1920 x 1080 (1080p) full-HD	Yes	Yes	- VRM-2 HD - CMS System - 500' depth capability
MC-2 HD	1920 x 1080 (1080p) full-HD	Yes	Yes	- VRM-2 HD - Pole mount adapter - external LED lights - 500' depth capability

TOV-2 HD Towed Video

The TOV-2 HD towed video system features stunning full HD video quality! Its two powerful 1500-lumen LED lights deliver a total of 3000 lumens for unmatched visibility. With a durable 150-foot kevlar-reinforced tow cable and a sleek design, this system ensures crystal-clear images even in low-light and murky conditions.

Enhance your operations by bypassing the need to deploy a diver and explore the underwater world safely and efficiently from your vessel.



DV-2 HD Drop Video

Featuring a high-quality full-HD camera and a compact design, this all-in-one system includes two powerful 1500-lumen LED lights for a total brightness of 3000 lumens, along with a durable 150-foot Kevlar-reinforced tow cable.

Effortlessly conduct underwater inspections and site assessments with ease. The DV-2 HD can be used as a vertical drop camera or a handheld unit, making it versatile for various applications. Eliminate the risks of diving as you search for lost items, sunken vessels, or submerged vehicles—boosting the effectiveness of your public safety operations.



Towed, drop and diver-held cameras for every search and inspection operation.

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DHC-2 HD Diver Held Camera



Designed for commercial diving companies, law enforcement, military units, and researchers, this essential diver held camera excels in bridge inspections, ship hull assessments, dam evaluations, and documenting underwater crime scenes.

The DHC-2 HD transmits live video to the surface, allowing for real-time viewing and quick decision-making, which enhances maintenance and recovery operations.

Built from durable, corrosion-proof PVC and depth-rated to 500 feet, it features two powerful 1500-lumen LED lights for exceptional visibility. Easy-to-use controls allow divers to manage camera functions and light intensity effortlessly. Optimize your underwater operations with the DHC-2 HD today.



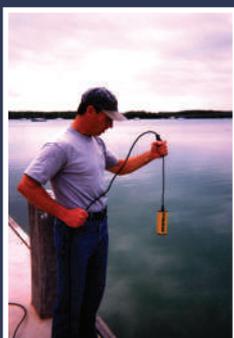
MC-2 HD Mini Camera



The MC-2 HD mini camera is your top choice for high-definition video recording and inspection. This innovative camera can be equipped with a powerful 1500-lumen LED light, bright enough for even the darkest of waters. Its lightweight design allows for easy mounting on a diver's helmet or lowering into pipes for hassle-free internal inspections.

With the MC-2 HD attached to a diver's helmet, the surface support team can see everything the diver encounters, ensuring precise and efficient inspections. When used with a VRM-2 HD recorder, you can create permanent high-definition records, offering clients unmatched quality assurance. Alternatively, mount it on a pole handle for surface inspections of seawalls, bulkheads, and ship hulls—no divers required.

Built with corrosion-proof PVC housing for depths of up to 500 feet, the MC-2 HD includes 150 feet of cable and a high-intensity internal LED light ring, powered by 120-240 VAC. Upgrade your inspection capabilities now.



Start your search by removing the water with Side Scan Sonar

Visit jwfishers.com for comprehensive data sheets on all products.

SSS-450kHz/900kHz

JW Fishers' 450/900 kHz side scan sonar system is an essential tool for underwater exploration that combines cutting-edge CHIRP technology with affordability. With over 30 years of expertise, this system offers a longer range and improved resolution compared to traditional sonar.

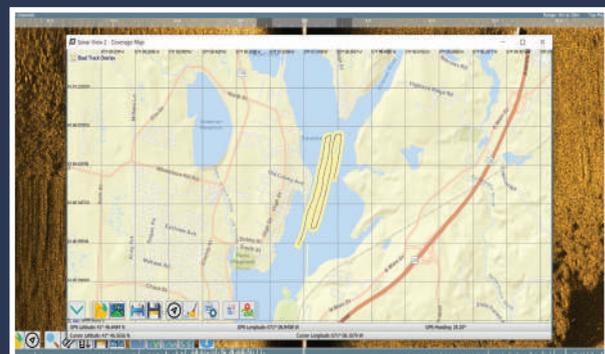
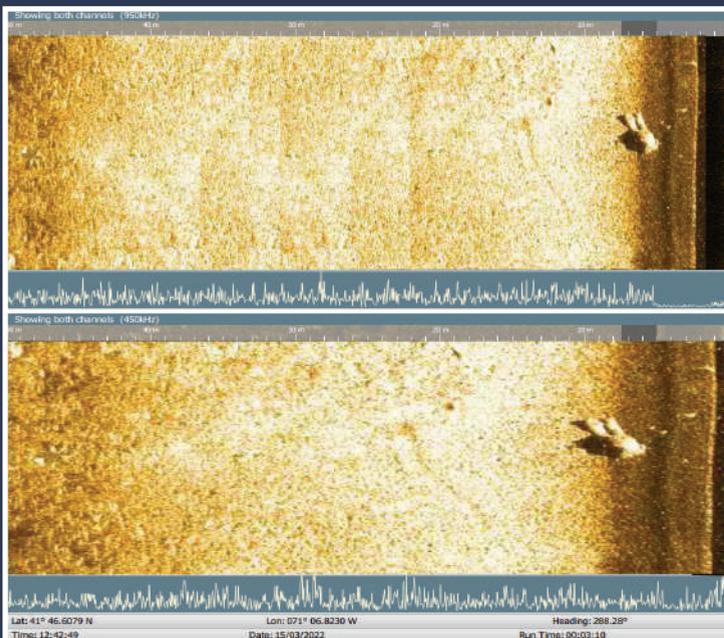


Side scan sonar allows you to efficiently survey large areas while delivering detailed images of the ocean floor, lake bed, or riverbed, regardless of water clarity. It feels like the water has been lifted away, giving you a clear view of underwater landscapes.

Enjoy high-resolution images transmitted seamlessly from the towfish to a rugged laptop, enabling exceptional results. The advanced SONAR VIEW software allows full control of settings, with customizable scan ranges and color schemes through an intuitive touchscreen interface.

Equipped with GPS positioning hardware for accurate coordinate capture, your files are stored in standard XTF format for easy access. Each package includes 150 feet of Kevlar-reinforced cable, a towfish in a watertight case, a tablet, a user-friendly control box, and SONAR VIEW 2 software. Elevate your underwater exploration with this state-of-the-art system!

For a more budget-friendly option, the respected JW Fishers SSS-600 kHz analog system is still available, providing the quality images that have made it a best-seller for over a decade. Don't miss out on the best in underwater exploration technology.



or the more economical sector scanning sonar.

Visit jwfishers.com for comprehensive data sheets on all products.

SCAN-650A & B Scanning Sonar



Discover the transformative power of scanning sonar for your underwater exploration. The newly redesigned SCAN650 will be the 2nd generation of the popular unit, available for purchase early 2026. Experience the cutting-edge capabilities of our new system, which boasts a modern design and intuitive user-friendly software. Best of all, it seamlessly integrates with Fishers' ROV, eliminating the need for a separate control box or screen. Upgrade your operations today and enjoy a more efficient, streamlined experience!

This advanced and versatile tool, was meticulously engineered for searching underwater. It delivers unparalleled insights into the underwater environment, no matter how murky the waters become. When confronted with daunting conditions, such as icy terrain, this revolutionary technology surpasses traditional towed systems, positioning itself as the ultimate choice for effective, efficient exploration.

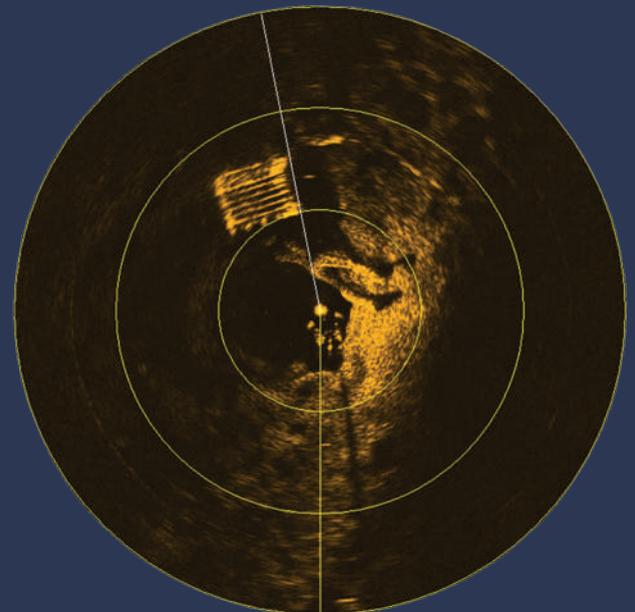
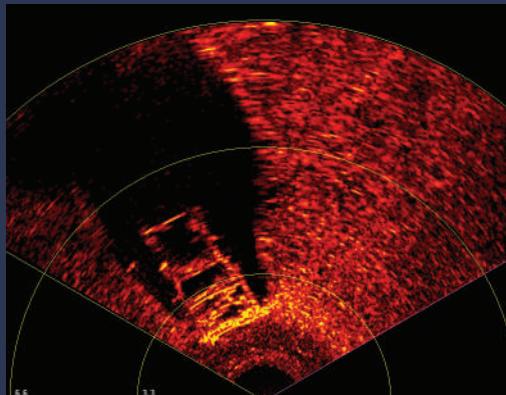
The imaging capabilities of the SCAN-650 are superior, designed for versatility whether you're navigating shallow waters with a pole or reaching deeper depths using a tripod. This ground breaking sonar system elevates your operations, empowering you to identify targets that standard cameras simply can't detect. Say goodbye to limitations in low-visibility conditions—enhanced obstacle avoidance is now at your fingertips. Pair it with Fisher's ROVs or competitor models, and watch your efficiency soar. Plus, when utilized with the Fisher's SeaLion-3, you'll enjoy a seamless display of images on the top screen alongside your live video feed.

Unleash the power of exploration with the SCAN-650, equipped with a versatile sonar beam that sweeps a full 360 degrees or hones in on specific targets, effortlessly revealing hidden treasures on the seafloor. With five customized scanning range settings—5, 10, 20, 40, or 60 meters—you'll achieve unparalleled precision for any underwater mission. Plus, our cutting-edge second-generation systems accelerate your scanning process, cutting the time for a complete 360° scan by over a second.

All scanned files, including GPS data and timestamps, are stored on your computer's hard drive for easy organization. You can enjoy playback, capture screenshots, and share via print or e-mail. With advanced editing tools and sizing options, the SCAN-650 is your top choice for underwater exploration and mapping.

Options:

- Cable lengths up to 2,000'
- Tripod
- Tablet
- Carry case



See what's under the ocean floor with a Sub Bottom Profiler.

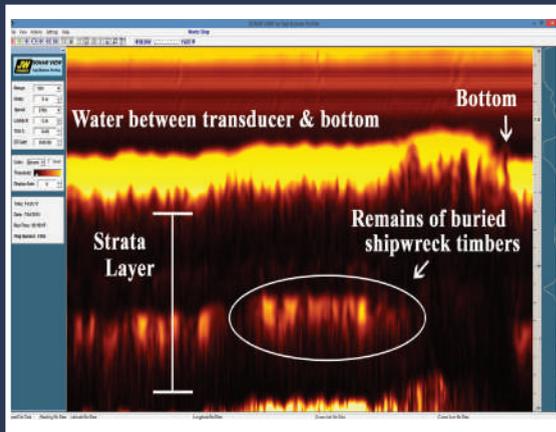
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Sub Bottom Profiler

The SBP-1 is a crucial tool for identifying the thickness of layers beneath the ocean floor. It detects density disturbances that indicate foreign objects below the surface. By emitting a vertical sound pulse, it captures information from reflections off submerged structures. Unlike standard echo sounders, the SBP-1 allows part of the sound pulse to penetrate the sea floor, offering insights into sub-bottom strata. This makes it invaluable for deep-sea exploration and research.



Discover the unmatched versatility of Fishers' SBP-1. This unit can be pole-mounted for shallow water searches or towed by a boat for deeper explorations, giving you the freedom to tackle any environment with confidence.



The SBP-1 system is the ultimate sonar solution for underwater surveying. With a durable, corrosion-proof PVC towfish and a Kevlar-reinforced cable available in lengths up to 1,000 feet, this system is designed for performance. The package includes a top-tier processor box and an easy-to-use laptop featuring JW Fishers' SONAR VIEW software, providing operators with intuitive control. The 36-inch by 24-inch towfish ensures stability and produces high-resolution images that reveal hidden details.

With a penetration depth of up to 130 feet, the SBP-1 captures reflections from solid objects beneath the sea-floor in real-time. Integrated GPS allows for easy saving of images and coordinates, and sharing insights is quick with email capabilities. Enhance your underwater surveying experience with the precision and effectiveness of the SBP-1 system.

Options:

- Cable up to 1,000'
- Cable Management System (CMS)
- Sonar Coverage Map software
- DDW-1 Depressor Wing



Mark a target's position so it can be quickly relocated in the future.

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Sonar Pingers and Transponders



Acoustic pingers and transponders make locating underwater sites or equipment quick and easy. A pinger continuously emits a sonar signal, while a transponder transmits only when prompted by an interrogator. Divers equipped with receivers or interrogators can follow these acoustic signals directly to the source.

Pingers are available in two frequency ranges: medium frequency (20-50 kHz) with a range of 2 to thousand feet, and low frequency (11-16 kHz) that can reach 3 to 6 miles. They can be set to either a single frequency or multi-frequency operation. The SFP-1 is factory set for a fixed frequency, while the multi-frequency option can be configured by the user at deployment.

Transponders can be programmed to one of sixty operator-selectable frequencies from 20-50 kHz for enhanced compatibility with other interrogation systems on the market.

Options:

- Larger housings
- External switch
- Carry case
- Software and delayed start



Sonar Receivers and Interrogators



The PR-1 Pinger Receiver and DHI-1 Diver Held Interrogator are two advanced acoustic receivers designed to enhance your underwater exploration.

The PR-1 effectively detects pingers emitting frequencies from 3 kHz to 97 kHz, making it essential for divers. The DHI-1 goes further by activating a transponder, accurately pinpointing its location, and displaying the distance, streamlining your search.

Both models are versatile, easily carried by divers or deployed from boats. Simply select your frequency and perform a 360-degree scan; clear audio and visual alerts ensure no signal is missed. The integrated compass guides you closer, and additional LEDs provide visual cues as you approach.

Switching between pingers is effortless with the user-friendly control panel. The PR-1 offers an impressive 30 hours of continuous operation, while the DHI-1 delivers 20 hours, enabling extensive underwater missions. Elevate your search capabilities with the reliable PR-1 and DHI-1 receivers and transform your underwater expeditions!

Options:

- External hydrophone
- 200 meter depth rated housing
- Dual underwater earphones
- Carry case.



Tracking cables just got faster and easier with Fishers CT-1 Cable Tracker

Visit jwfishers.com for comprehensive data sheets on all products.

CT-1 Cable Tracker

The JW Fishers CT-1 cable tracking system is designed to locate deeply buried power and communication cables, both on land and underwater. This essential tool helps identify breaks or faults to keep your projects on track.

The CT-1 includes a hand-held probe and a signal injector box. By connecting the injector box to the cable's shore end, you can inject a detectable signal. The probe features a waterproof earphone for audio alerts and an LED light bar that intensifies as you approach the cable.

For live power cables, the probe detects 50 Hz (Europe) or 60 Hz (USA) signals without needing injection. For inactive or fiber optic cables, a simple induced signal works. The impressive detection range allows tracking from considerable distances, even from a boat in shallow waters.

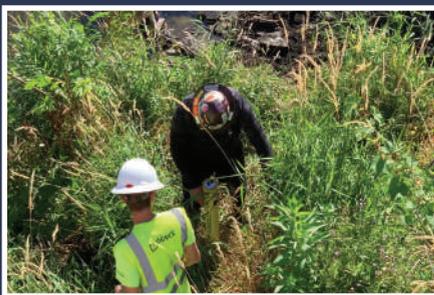
Using triangulation, divers can determine the cable's burial depth. The probe has a rechargeable battery lasting 6 to 9 hours, while the injector box is compatible with multiple power sources. Enhance your cable locating capabilities with the CT-1 for project success.

Options:

- Carry case
- Dual underwater headset
- 500' depth rated probe



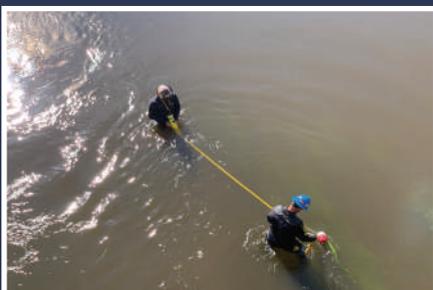
Cable Tracking Process



Locate cable on shore



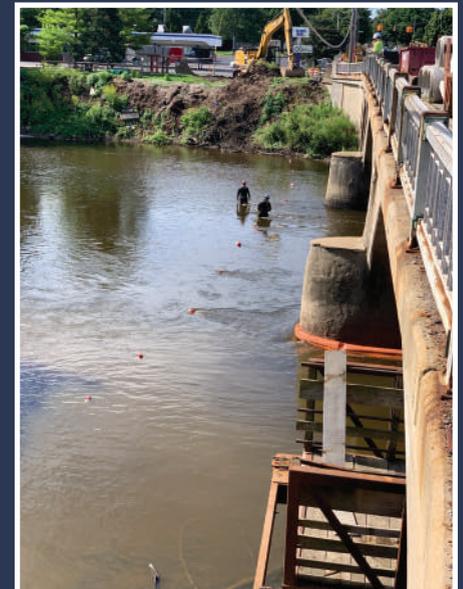
Start tracking off-shore



Track through waterway



Mark cable with buoys



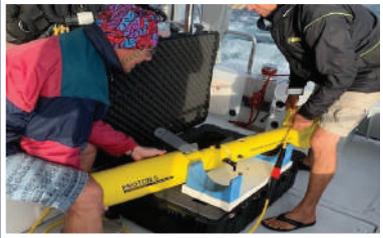
Complete tracking and mark line across river

Magnetometers are the most sensitive ferrous metal detectors available.

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Proton 5 Magnetometer



The PROTON 5, is the advanced fifth-generation proton magnetometer from JW Fishers, designed to redefine marine detection. With remarkable sensitivity of just one Nano-Tesla (nT) and a quick two-second cycle time, it detects even the tiniest iron and steel targets effortlessly.

Equipped with a cutting-edge triaxial noise-canceling sensor, the PROTON 5 ensures accurate omnidirectional

towing, eliminating heading errors and dead zones. The bright six-inch LCD screen is perfect for both day and night use, and the optional altimeter provides real-time data on seabed distance, POL time, sensitivity levels, and alarms.

Easily analyze up to 80 previous measurements graphically, and configure settings effortlessly via user-friendly menus from the topside control box. The towfish glides smoothly through water at speeds up to 10 knots, with a recommended 2-3 knots for pinpointing small targets.

Enhanced by the optional UA-3 Altimeter for precise distance maintenance and designed to separate into two compact parts for easy transport in the included watertight Pelican® case, the PROTON 5 is a game-changer in marine detection technology.



Options:

- USB data output
- Tracker 3 software
- Tablet or a rugged computer
- Cable Management System (CMS)
- DDW-1 wing
- 1,000 foot depth rated housing
- Cable lengths of up to 1,000'
- UA-3 altimeter



DiverMag-1 Diver Held Magnetometer



Experience exceptional performance with the Diver Mag 1, designed to perform equal to the Proton 5 while ensuring portability for both land and underwater use. This user-friendly hand-held magnetometer features a large LCD display and a powerful audio alarm for instant alerts to iron or steel targets. It's ideal for commercial diving to track pipelines and locate submerged objects, and law enforcement divers rely on its reliability for finding weapons. Notably sensitive, it allows detection from a boat in shallow waters and comes with a sturdy Pelican hard carry case for secure transport. Elevate your diving operations with the Diver Mag 1 - where performance meets convenience!

Options

- 220 vac transformer
- Spare Battery pack and charger
- Dual u/w headset



Fishers hand held metal detectors are the most powerful you can buy.

Visit jwfishers.com for comprehensive data sheets on all products.

Pulse 8X Hand Held Metal Detector

The Pulse 8X, JW Fishers' premier metal detector, is built for durability and exceptional performance. With a sturdy housing rated for depths of 200 feet and a 6-foot detection range, it's the top choice of the United States Department of Homeland Security and trusted by law enforcement, military units, and archaeologists.



This versatile detector comes with a complete accessory package, making it perfect for land and underwater searches. It detects everything from coins and jewelry to anchors and cannons, all powered by a reliable 9-volt rechargeable battery that lasts all day.

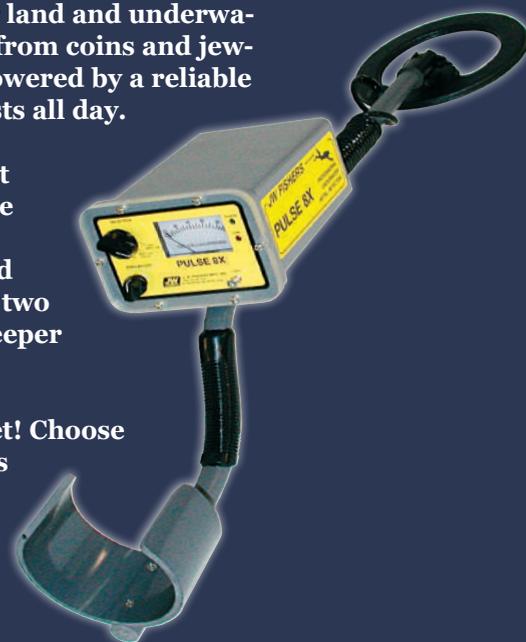
What makes the Pulse 8X stand out is its ability to operate without false readings in challenging environments like saltwater and black sand

beaches. You can easily switch coil sizes for specific projects, and even deploy two coils from a boat, keeping the unit topside while the detecting head reaches deeper waters.

Uncover pipelines, outboard motors, and sunken treasures without getting wet! Choose the Pulse 8X for your next metal detecting adventure and unlock the mysteries beneath the surface.

Options:

- U/W connector
- Dual underwater earphones
- Spare battery pack
- External battery charger
- Various size search coils



SAR-1 Underwater Metal Detector

JW Fishers SAR-1, is the premier metal detector designed for military, law enforcement, and public safety dive teams. Its unique "snareless" design, with no external wires or cables, ensures safe operation in low-visibility environments.



With the SAR-1, you'll experience exceptional detection capabilities. It alerts users through vibrations in the handle and a bright LED display, functioning effectively in both fresh and saltwater. This powerful device locates a wide variety of metal objects, including shell casings, handguns, rifles, knives, unexploded ordnance (UXO), and explosive devices.

Engineered as a top-tier Pulse Induction detector, the SAR-1 accurately identifies ferrous and non-ferrous metals while ignoring environmental minerals. Trust in JW Fishers for reliable performance, unaffected by materials like air, water, silt, or mud. Choose the SAR-1 for unmatched safety and efficiency in your critical missions.

Options:

- Extra battery pack & external battery charger

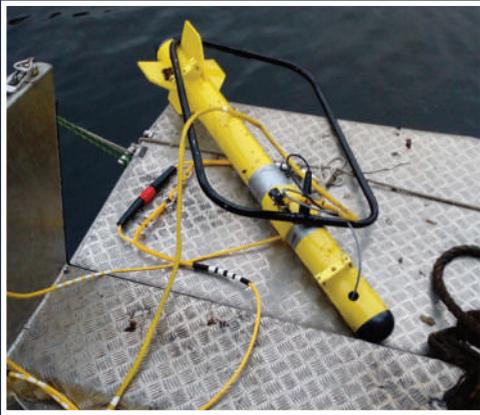


JW Fishers' boat towed metal detector is a powerful commercial grade detector.

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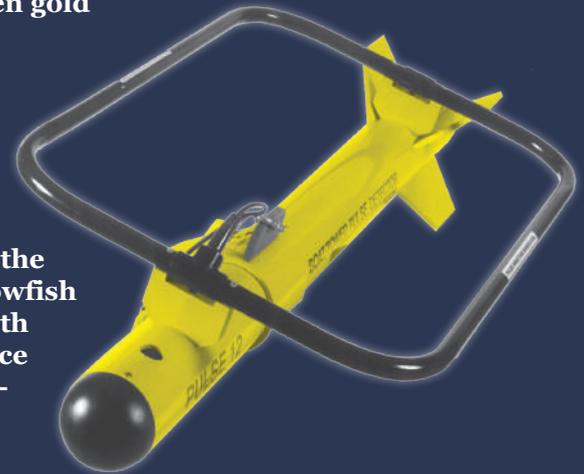
Pulse 12 Boat Towed Metal Detector



The Pulse 12 is Fisher's most powerful boat-towed metal detector, designed to identify both ferrous and non-ferrous targets. Featuring an impressive detection envelope that extends 24 feet wide and 16 feet deep, the Pulse 12 is highly effective at locating a wide variety of valuable items, including aluminum boats, brass propellers, outboard motors, steel anchors, bronze cannons, and even gold bars.

One of the standout features of the Pulse 12 is its innovative control unit, which can accommodate inputs for three search coils. This capability

allows the search team to maximize efficiency by covering three times the area in the same amount of time. The Pulse 12 package includes one towfish and coil, 150 feet of durable cable, and a topside readout unit. With both meter and audio outputs, operators are instantly alerted to the presence of metal targets, making the Pulse 12 an essential tool for any commercial dive company or wreck diver.



Options:

- Two additional fish and coils
- USB data output
- 500' depth rated housing
- Tablet
- Tracker 3 software
- DDW-1 depressor wing.
- UA-2 underwater altimeter



DDW-1 Deep Dive Wing



The DDW-1 deep dive wing is designed to tow underwater instrument packages more efficiently by requiring less cable. Typically, the cable length needed for towing is a 4:1 ratio to the towing depth; for example, to tow at a depth of 100 feet, 400 feet of cable is necessary. However, by using the DDW-1 wing, this ratio is improved to 2:1, allowing the equipment to be towed at a depth of 100 feet with only 200 feet of cable.



Underwater search accessories that add

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CMS Cable Management System



The Cable Management Systems are cable reels with slip rings which allow complete operation of the system while deploying or retrieving cable. CMS-1 cable reel holds up to 500 feet of cable and is housed in a Pelican® 1620 case. The CMS-2 cable reel holds up to 2,000 feet of cable and is housed in a Pelican 1660 case. Both cases come with wheels and a retractable handle for ease of transportation and storage.

Pelican® Carry Cases



Add a Pelican® hard carry case to most JW Fishers products for easy transport and added protection in the field.

Tablet



A tablet mounted to the control box of Fisher's Side Scan Sonar, SCAN-650, Proton 5 or Pulse 12 for ease of viewing.

Search Coils for Pulse 8X



With a few different options, your JW Fishers' pulse detector can be used on land, at depths of up to 200 feet (~60m), or deployed from a boat. Different size coils have different detection ranges. Large coils (16", 18" and 8" x 48") have very wide and deep detection envelopes for finding larger objects at deeper depths. Small coils (probe coil and 5" coil) have smaller and more concentrated detection envelopes to easily locate smaller targets.

versatility and enhance performance.

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VRM-2 HD Video Recorder and Monitor



The VRM-2 HD features a video monitor and a built-in Digital Video Recorder (DVR). It can be connected to any JWF HD video camera system. The control panel of the VRM-2 HD includes switches and controls for operating both the camera and the lights. The built-in DVR is managed through a waterproof touch keypad.

Additionally, the system includes a GPS that displays coordinates on the screen and records video. Time and date stamps are also captured, and you can add text overlay using a waterproof USB keyboard. A microphone is included, allowing the topside viewer to record vocal notes while the video is being recorded. All video and audio are stored on a 64GB SD card, which is included with the system.



RMD-1 Remote Metal Detector

The RMD-1 is a cutting-edge pulse induction metal detector engineered for seamless integration with nearly any ROV (remotely operated vehicle). Leveraging pulse induction technology, the RMD-1 excels at detecting ferrous and non-ferrous metals buried beneath the ocean floor while effectively filtering out interference from saltwater mineralization.

This adaptable tool is essential for a variety of underwater applications, such as locating pipelines, recovering lost tools, identifying weapons and unexploded ordnance. Crafted with two durable coils encased in robust ABS shells, the RMD-1 is mounted on a corrosion-resistant PVC frame that strategically positions the coils away from the ROV's metal parts to ensure optimal performance. Designed with functionality in mind, the oval coils create an impressive detection envelope that reaches 3 to 5 feet into the seabed, while their low-profile shape minimizes drag on the ROV. Upon detecting metal, the coils transmit a signal to the onboard electronics unit, providing outputs that can be relayed through the ROV's umbilical cable or a separate line for easy access.

The standard RMD-1 includes a topside Control Box that delivers real-time readouts via a meter and audio alerts. The proximity of the metal target strengthens the signal, ensuring precise detection.



