



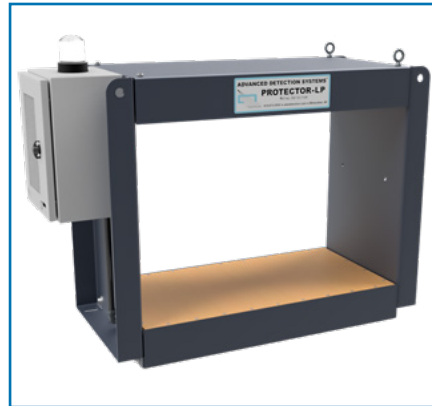
ADVANCED DETECTION SYSTEMS

Why Buy SurroundScan Protector Metal Detectors?



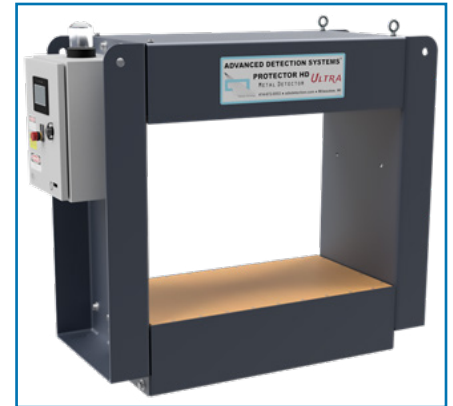
Protector HD

The Protector HD offers unique heavy-duty construction for consistent performance in harsh conditions. The Protector HD ensures product purity and defends processing equipment preventing costly downtime.



Protector LP

All the operating features of the standard HD with a 45% smaller coil enclosure and 40% weight reduction. This simplifies installation on conveyor frames where clearance between the conveyor belt and frame is limited.



Protector HD Ultra

The Protector HD Ultra has up to 2x better detection levels compared to the standard Protector HD. For when maintaining product purity and detection of safety hazards like lithium batteries is paramount.

SurroundScan Protector Features and Benefits

- ◇ Advanced Detection Systems' staff members are metal detector experts. We're focused on providing superior metal detection for ferrous, non-ferrous, and stainless steel through patented technologies and engineering.
- ◇ Heavy duty steel construction protects the coils allowing the Protector to remain in constant service for years, unlike light duty detectors with components that are prone to damage in tough mining and quarry conditions.
- ◇ Acculearn Technology – Our detectors learn your products characteristics in as few as two minutes. This allows the detector to automatically set detection levels that recognize the difference between metal that could damage processing equipment and non-harmful metal that can be ignored.
- ◇ Product Monitor – provides real time signal value for your product and the tramp metal that must be detected to prevent damage to processing equipment. The Product Monitor can also be set to simultaneously ignore metal that is not harmful to equipment.
- ◇ Password Protected Touchscreen – Provides intuitive guidance for using the unique Acculearn and product monitor features and simplified operation of the Protector's splice sensor and metal marking accessories.
- ◇ Splice sensor and metal marking accessories complete the Protector's system for detecting and locating tramp metal when spliced conveyor belts are being used. (not for use with HD Ultra)
- ◇ Digitally auto-balanced coil technology and dual channel operation maintain perfect coil balance and optimum performance in the presence of conductive products while eliminating the cost of service technician plant visits to re-balance the metal detector.
- ◇ State of the art power supply and RF noise protection eliminates nuisance trips caused by line spikes and radiated noise.
- ◇ Programmable contacts for full PLC integration and reject device control of automated divert gates or belt plow systems. With this the metal detector is no longer an outlier in your process that requires special, individual attention.
- ◇ Removable end plates facilitates installation on existing conveyor frames without having to remove the belt.
- ◇ Customized metal detector systems including unit construction, proprietary software and electronics are designed to the customer's exact application needs.
- ◇ Engineering, manufacturing and service functions are located in one facility – our factory/lab in Milwaukee, WI USA, which translates into quick response and expert support for all your metal detection needs.

To learn more, please contact us:

Phone: 414-672-0553

Email: sales@adsdetection.com



ADVANCED DETECTION SYSTEMS

Aftermarket Support with Customer Service Focus

Advanced Detection Systems outstanding metal detector service is a team effort. Our sales, engineering and service staff experts coordinate our support to meet your specific service needs.

Provide Customer Focused Service

Over the years, Advanced Detection Systems has developed a variety of services and training programs. These are designed to help our customers stay current in the best practice methods of use for their metal detectors, optimizing the value of their metal detection investment. Your purchase of a metal detector from Advanced Detection Systems includes expert technical support for the life of the equipment. This includes installation, start-up and the testing needs for your metal detection system. Some of the services we offer are: Verification Services for any make/model metal detector, On-site Field Service, Metal Detector Training, Software Upgrades and FREE Product Testing with guaranteed detection levels. Service is provided from our service technicians, factory sales and local representatives that are HACCP (Hazard Analysis Critical Control Point) certified. Our engineering, factory sales staff and local manufacturer's reps are also on standby to assist our customers.

Free Product Testing

Use our free product testing service to ensure that you are investing in the best possible metal detector for your application. Advanced Detection Systems product testing service is conducted promptly at our factory lab in Milwaukee, WI - USA. Our up front product testing leads to trouble free start-up of the metal detection system at your facility. This service allows us to build the metal detector for optimum performance and reliability for your specific products. When you utilize our product testing service, you will receive a factory Sensitivity Guarantee indicating the optimal ferrous, non-ferrous and stainless-steel detection levels for your specific products.

Metal Detector Verification & Services

Advanced Detection Systems HACCP (Hazard Analysis Critical Control Point) certified factory service technicians and certified local representatives conduct verification and calibration services on-site and are compliant with most QA programs, audits, HACCP and GMP (Good Manufacturing Practices) standards.

As your metal detector usage comes under scrutiny applied by government regulations, auditors and your customers; there is an opportunity to meet expectations and improve your competitive advantage by being proactive in verifying your metal detectors on an annual basis. These services are offered on any make/model metal detection system or equipment.

Metal Detector Training

We recognize the importance of quality training for our customers to ensure optimal use of their metal detector. Our training programs are conducted by certified factory service technicians and local representatives on-site or if preferred, online for our customer's convenience. Advanced Detection Systems can also customize any training program to meet your specific needs. Our training programs can include information on: Metal Detector 101 - How They Work, Security Features - Protection from Unauthorized Tampering, supervisory personnel setup and clearances, electrical power supply and operation of the metal detector, accessing and managing data settings/change, Product Monitor, use of reject devices and settings, touchscreen calibration and menu options and any specific topic per your application or industry.

Replacement Parts

Advanced Detection Systems offers replacement parts and spare parts lists for your equipment. Our factory trained service technicians, engineers and sales staff are experts on our metal detection systems. Metal detectors are a Critical Control Point and therefore must remain in service. Ask us about developing a spares part list for your specific metal detection system to prevent downtime that can be expensive and disastrous. Our staff is available to assist in identifying parts needed for your metal detector and we can easily look up the information in our system. Many parts are currently in stock and available for same day shipment, including electronic replacement parts that are unique to your specific metal detection system.

Field Service

We have responsive HACCP (Hazard Analysis Critical Control Point) certified service technicians and local representatives at your service. We offer a variety of plant level metal detector services that will ensure consistent metal detector performance and employee familiarity with the operation of your metal detection systems, such as: on-site trouble shooting for metal detectors, conveyors and reject devices, metal detector start-up and employee training, verification services, metal detector software upgrades and metal detector testing.



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** Call Us For Expert Support of Advanced Detection Systems' Equipment - Regardless of Its Age*