



ADVANCED DETECTION SYSTEMS®

"Metal Detection Experts"

● 4740 W. Electric Ave. Milwaukee, WI 53219 P: (414) 672-0553 ● www.adsdetection.com ● Engineered & Manufactured in USA ●

SurroundScan Protector Unique Features & Benefits



Feature: *Armored Steel Chassis* and prevents damage to detector components.

Benefit: Long term, repair free service eliminating the cost associated with replacement of damaged components and down time.

Feature: *Acclearn Automatic Learn* automatically sets the Protector's sensitivity settings. With the push of a button the detector will automatically adjust its sensitivity based on your product's characteristics.

Benefit: Reliability and the elimination of time-consuming experimentation and uncertainty.

Feature: *Product Monitor* allows you to see the real time magnetic and conductive value of your conveyed material.

Benefit: Simplifies adjustment of the detector's sensitivity when the conductive value of your conveyed material changes. Provides the visibility needed to quickly adjust the detector's sensitivity settings to detect tramp metal that can damage processing equipment while ignoring metal that won't.

Feature: *Touchscreen Operation* provides intuitive guidance for using the unique acclearn and product monitor features and simplified operation of the Protector's splice sensor and metal marking accessories.

Benefit: Simplify metal detector management for your production staff and reduce time taken to ensure that the detector, splice sensor and metal marker are functioning as expected.

Feature: *Electronic Relays* provide PLC integration of the metal detector functions with upstream and downstream processing equipment.

Benefit: Metal detector is no longer an outlier in your process that requires special, individual attention.

Feature: *Splice Sensor and Metal Marking* accessories facilitate the use of metal belt splices and mark the location of tramp metal that's been detected and must be located and removed.

Benefit: Reduce the time taken by production staff to cope with the inevitable need for a belt splice and locating the tramp metal that has been detected.