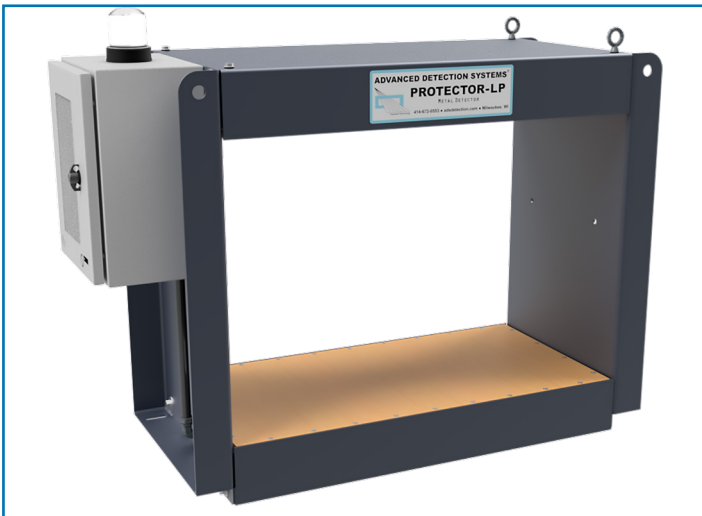


## SurroundScan®

### Protector LP

## for Aggregate & Mining Industries

- ◇ Expert technical support from our factory
- ◇ State of the art detection levels for ferrous, non-ferrous, and stainless steel.
- ◇ Removable end plate facilitates easy installation, no belt removal required.
- ◇ Robust and reliable metal detector
- ◇ Engineered to withstand tough applications
- ◇ Protects processing equipment



### SurroundScan Protector LP

45% smaller coil enclosure and 40% weight reduction compared to the Protector HD. This simplifies installation on conveyor frames where clearance between the conveyor belt and frame is limited.

### Protector LP Features

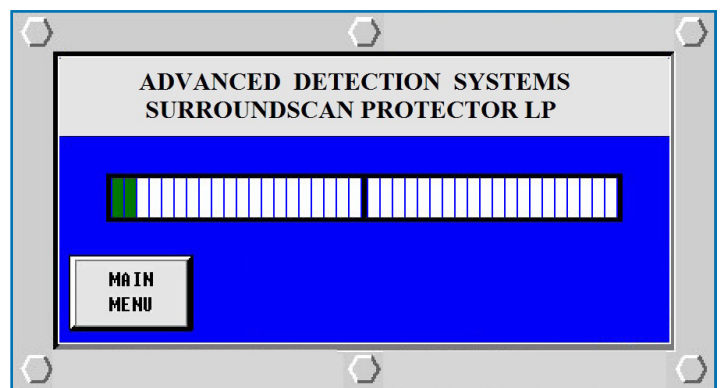
- ◇ Autolearn easily sets appropriate sensitivity levels.
- ◇ Adjustable RF protection helps compensate for environmental noise and power fluctuations.
- ◇ Digital control and processing with two channel detection.

### More Information

Advanced Detection Systems has been identifying and meeting unique metal detection needs for over 30 Years.

All equipment engineered and manufactured in Milwaukee, WI USA, which lets us provide a "one stop shop" for all your metal detection needs.

The Protector LP ensures product purity, defends processing equipment and prevents costly downtime.



SurroundScan® Protector LP  
Password Protected Touchscreen



### Product Monitor

You get real time signal values for your product and the ferrous, non-ferrous and stainless-steel metal that must be detected.



### Patented Vibration Technology

Improves performance and reliability when used in a vibration heavy environment.



### Guaranteed Sensitivity

We test your product and calibrate our detectors to your product's specific needs and guarantee sensitivity.



### Acculearn™ Technology

Our detectors quickly learn your products characteristics, in as few as two minutes, eliminating false trips caused by product variability.



### Custom Built

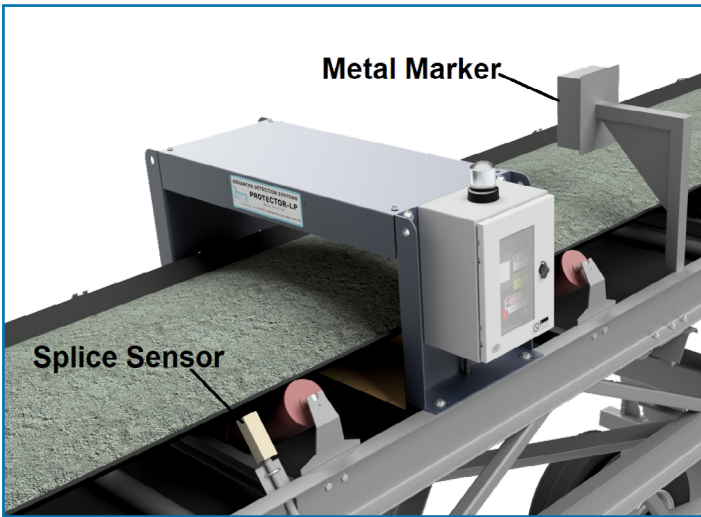
Our metal detectors are individually designed by our engineering staff and manufactured to your exact specifications.



### Heavy-Duty Construction

The SurroundScan metal detector product category reflects our history of manufacturing robust, reliable equipment.

## Optional Splice Sensor & Metal Marker



## Remote Control Cabinet



Stationary Electromagnet

Self-Cleaning Permanent Magnet

a sister company of Advanced Detection Systems



## Magnetic Separators from Dings Co. Magnetic Group

Dings Co Magnetic Group has provided powerful magnetic separation equipment to the aggregate and mining trades for over 125 years. Dings magnetic separators ensure the protection of your processing equipment and the purity of your product. Dings magnets are unsurpassed in reliability and performance. We stand by this claim with an industry best 20-year warranty on coil burnout for all electromagnets. We meet or exceed our customer's unique application objectives by supplying the proper magnet for each application. Dings is proud to provide the best aftermarket support in the industry from our experienced engineering, manufacturing and sales teams. Dings designs and manufactures all our products at our factory in Milwaukee, Wisconsin, USA.