



## SurroundScan® Protector HD

### 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 HD

The Protector HD ensures product purity, detects safety hazards, defends processing equipment, and prevents costly downtime.

### Protector HD Features

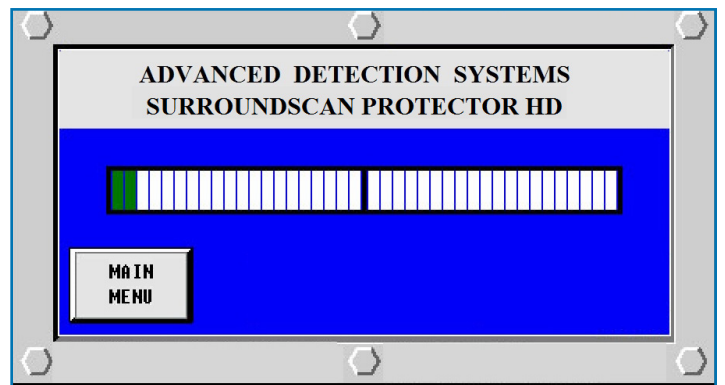
- ◇ Autolearn technology easily sets appropriate sensitivity.
- ◇ Adjustable RF protection helps compensate for environmental noise and power fluctuations.
- ◇ Digital control and processing with two channel detection.

### More Information

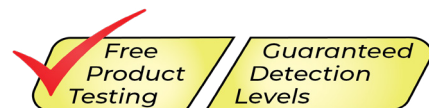
Advanced Detection Systems has been identifying and meeting unique metal detection needs for over 30 Years.

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 HD ensures product purity, defends processing equipment and prevents costly downtime.



SurroundScan® Protector HD  
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

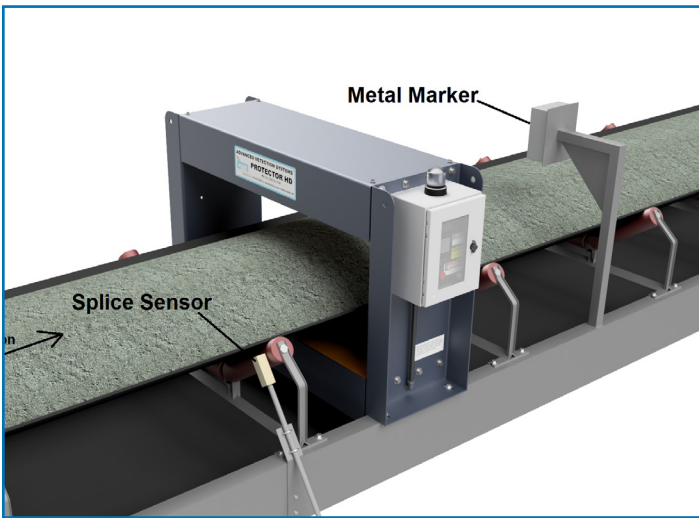
Our metal detectors are individually designed by our engineering staff and manufactured to your exact specifications.



### 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



Dings Overhead Stationary Electromagnet



## Magnetic Separators from Dings Co. Magnetic Group

The Dings stationary electromagnet is used in applications when separation of ferrous metal is critical but not continuous. Ferrous metal collected by the stationary electromagnet is removed as necessary by cutting power to the magnet releasing the ferrous material.



ver. 9-2024

## Get Detection Optimized for Your Process

Have your targeted contaminants professionally tested for in our lab, free of charge. The results are used to optimize your Protector's® detection levels for your material stream's specific characteristics. We stand by this method with a written guarantee.