



# Industrial SurroundScan Protector HD

SurroundScan Protector HD Metal Detector



- ★ **Lifetime** technical support from our factory
- ★ Advanced patented software built in
- ★ Removable end plate facilitates easy install
- ★ Robust and reliable metal detector
- ★ Engineered to withstand toughest applications

- ★ 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.
- ★ Protector HD is designed to easily install on existing CEMA style conveyors.
- ★ Adjustable RF protection ensures reliable performance in the presence of radiated noise and electrical power fluctuations.

## SurroundScan Core Technologies

### Acculearn Technology

Setting up products with the Acculearn Technology is easy and efficient. In as few as 1-2 passes, the metal detector will learn a product’s signature, allowing clean product to pass through while accurately identifying product that has metal contamination.

### Patented Auto-Balance

Advanced Detection Systems’ auto-balance software maintains perfect coil balance and optimum performance, eliminating the cost of a service technician plant visit to re-balance the metal detector.

### Product Monitor

You get real time signal values for your product and the tramp metal that must be detected

## PREVENTS COSTLY DOWNTIME

**PROTECT PROCESSING EQUIPMENT FROM DAMAGING TRAMP METAL**

**PROTECTOR HD DETECTS FERROUS, NON-FERROUS & STAINLESS STEEL**

**PURIFY YOUR PRODUCT BY SEPARATING TRAMP IRON FROM YOUR PROCESS STREAM**

★ *Technical Support Provided From Our Factory for the Life of the Metal Detector*