



Industrial SurroundScan Protector LP (Low-Profile)

SurroundScan Protector LP (Low Profile) Metal Detector



- ★ **Lifetime** technical support from our factory
- ★ 45% smaller coil enclosure than the Protector HD
- ★ 40% weight reduction compared to Protector HD
- ★ Advanced patented software built in
- ★ Removable end plate facilitates easy install
- ★ Robust and reliable metal detector
- ★ Engineered to withstand toughest applications
- ★ Integral detect light beacon
- ★ Password protection on touchscreen menu

- ★ 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.
- ★ 45% smaller coil enclosure and 40% weight reduction compared to the Protector HD.
- ★ Simplifies installation on conveyor frames where clearance between the conveyor belt and frame is limited.
- ★ All SurroundScan Protectors ensure product purity, defend processing equipment and prevent costly downtime.
- ★ Adjustable RF protection ensures reliable performance in the presence of radiated noise and electrical power fluctuations.
- ★ Protector LP (Low-Profile) is designed to easily install on portable CEMA style conveyors.

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, PROTECTS PROCESSING EQUIPMENT
& PURIFIES YOUR PRODUCT BY SEPARATING METAL CONTAMINANTS
FROM YOUR PROCESS STREAM**

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