



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 SERIES (DEFENDER III) FEATURES & BENEFITS



Feature: Patented Vibration Technology

Usefulness/Benefit: Prior to the development of this feature vibration that is inherent in conveyor and equipment support systems was accommodated by reducing the sensitivity of the metal detector. Operating with our vibration technology the SurroundScan Defender III detector is immune to levels of vibration that would otherwise require operating at reduced sensitivity levels.

Feature: IP69K Construction

Usefulness/Benefit: The SurroundScan Defender III metal detector can be subjected to high pressure, high temperature washdown meaning that your washdown procedures can be carried out without the time-consuming tasks of wrapping the SurroundScan Defender III system or moving it out of the washdown area.

Feature: AccuLearn Technology

Usefulness/Benefit: The SurroundScan Defender III AccuLearn feature provides quick, accurate set-up of the detector to accommodate your product's signal known as "product effect". AccuLearn ensures reliable metal detection levels with your product and saves time when setting up the metal detector for new products.

Feature: Patented Auto-Balance Technology

Usefulness/Benefit: The SurroundScan Defender III Auto-Balance feature keeps the metal detector transmit and receive coils in perfect balance indefinitely. Perfectly balanced coils ensure consistent, reliable metal detection operation and eliminates the need for re-balancing, sometimes referred to as "calibration" service.

Feature: Adjustable RF Protection

Usefulness/Benefit: The SurroundScan Defender III RF protection feature helps compensate for environmental noise and power fluctuations that might otherwise require operating at reduced sensitivity levels.

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Identifying and Meeting Unique Metal
Detection Needs for Over 30 Yrs.