



# ADVANCED DETECTION SYSTEMS

## PROSCAN™ MAX-III

GRAVITY DROP METAL DETECTION SOLUTIONS



*free*  
**PRODUCT TESTING**

**GUARANTEED DETECTION LEVELS**



### THE ADVANCED DETECTION SYSTEMS DIFFERENCE

For the past 30 years, Advanced Detection Systems metal detectors have been expertly manufactured so each system is immune to the effects of electrical interference, vibration and shock from being used in freezers or other cold environments. In addition, Advanced Detection Systems uses patented state-of-the-art electronics that provide easy setup in wet, dry and virtually all conductive products. The result is performance reliability that meets your production line demands.

### INDUSTRIES THAT WE SERVE

Our metal detection systems are made in the USA and are ideal for packaged, bulk, dry powder and liquid applications. Advanced Detection Systems offers quick delivery times and support from metal detection experts. Our experts have experience in food processing, packaging, nutraceutical and industrial applications. We are able to custom design and manufacture to your specifications and needs. You can rest assured that it will be done right.

### AFTERMARKET CARE WITH ADVANCED DETECTION SYSTEMS

Advanced Detection Systems focuses on providing excellent aftermarket support. Services offered include: responsive field service, training classes, metal detection certification and service contracts.

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# PROSCAN™ MAX-III

## GRAVITY DROP METAL DETECTION SOLUTIONS



**Patented Vibration Technology**  
Improves performance and reliability when vibration is present



**AccuLearn™ Technology**  
Quickly learns product characteristics, in as little as two passes, to eliminate false trips caused by product variability



**IP69K Construction**  
Our ProScan™ metal detectors are designed to withstand the harshest washdown conditions



**Gravity Drop Systems**  
Custom designed and manufactured to your exact specifications



**Guaranteed Sensitivity**  
We will test your product and provide a sensitivity guarantee



**Rugged Construction**  
All welded construction provides a durable and stable system for consistent metal detection

### SYSTEM TECHNOLOGY

- Adjustable RF protection helps compensate for environmental noise and power fluctuations
- Patented coil auto-balance technology eliminates the need to re-balance the coil
- Digital control and processing with two channel detection
- Data retention when power is disrupted or disconnected



PROSCAN™ MAX-III  
CONVEYOR CONFIGURATION

### STANDARD SPECIFICATIONS

- Power Supply: 115VAC standard. Contact factory for other voltages
- Operating Temps: 0° to 45°C and 32° to 113°F (lower operating temps available)
- Humidity: Up to 95% RH
- Reject Timer Options: Set from the touchscreen



PROSCAN™ MAX-III  
GRAVITY DROP CONFIGURATION



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PROSCAN™ MAX-III  
PIPELINE CONFIGURATION