

PharmaScan™ Automated Visual Inspection System



Image above shows PharmaScan™ configured for Syringe Inspection with a Denester and Renester.

EMPOWERING PHARMACEUTICAL MANUFACTURING WITH PRECISION, SPEED AND EFFICIENCY - PHARMASCAN™

The PharmaScan™ family of advanced inspection platforms is designed to meet the highest industry standards making us the go-to choice for leading pharmaceutical manufacturers. High-resolution cameras and optimal lighting are used to inspect the entire container and detect particles down to 50um while reducing false rejects. Whether you're dealing with liquid, lyophilized, or hybrid products in syringes, vials, or cartridges, PharmaScan™ has you covered with the cost advantage of standard machines, options to meet many requirements and ATS industry leading ability to provide custom integration and services.

Compromising on quality is not an option



/// Benefits

- Surpass manual visual inspection capability with a single pass
- Low false reject rates for maximum efficiency and cost-effectiveness
- User-friendly interface makes it easy to operate, saving time and resources
- Working with ATS delivers confidence in custom engineering experience
- Proudly manufactured and supported in North America and Europe, ensuring top-notch quality and service
- Seamlessly transition from indexing motion to continuous motion
- SuperTrak MICRO™ is designed to unload multiple tub pitches, reducing changeovers and getting between the inspection and handling pitches with ease

/// Specs

- Inspection rates up to 600 ppm
- ATS SmartVision™ provides flexible and powerful machine vision tools for processing, including validated machine learning deep learning algorithms
- Illuminate™ Manufacturing Intelligence provides powerful machine performance insights and industry leading data acquisition and connectivity
- SuperTrak MICRO™ allows for containers from different array sizes (e.g., rows of 3, 4, 7, 10, etc.)
- Pick-and-place tub-unloading design allows for unloading and loading tubs of various array sizes and pitches
- Accommodates syringes up to 5mL, vials from 2R-30R, and cartridges with barrel diameters from 8mm-22mm ranges
(if you have anything outside of these ranges, please contact an ATS expert)
- Caters to multiple tub pitches and configurations, providing flexibility and adaptability for various packaging needs
- 3 standard platforms to deploy optimal handling and inspections for your product, or customize to meet your need (please contact an ATS expert to discuss platform options)
- High-speed individual servo control with parameter-driven spin profiles for particle inspection
- High-powered LED strobe lighting to “freeze” product motion and produce sharp images
- Optional headspace analyzer integrated on the inspection dials

From liquids to solids, inspection and classification is an essential aspect of quality control. Choose PharmaScan™ for automated visual inspection and take your manufacturing to the next level!



Contact us at lifesciences@atsautomation.com