

# PPO Introduces Modular System to Allow Inspection at Risk Points Throughout the Line

WATERLOO, ONTARIO, CANADA, January 27, 2025 /EINPresswire.com/ -- P&P Optica (PPO), a leader in food inspection technology, is proud to unveil its new modular inspection system, offering the same advanced inspection capabilities as the Smart Imaging System without the integrated materials-handling hardware, providing greater adaptability for installation throughout the processing line.



By allowing processors to inspect product for both safety and quality at critical points throughout the line, we're helping them catch issues earlier, reduce costs, and improve overall efficiency."

*Olga Pawluczyk, CEO of PPO*

This innovative above-the-line inspection module combines PPO's patented hyperspectral imaging technology with a vision-based camera, delivering two powerful inspection modalities in one solution. Designed for maximum flexibility, the modular system can be installed anywhere on the processing line. It's mounted above existing conveyor belts, and configured to communicate with existing rejection mechanisms to ensure contaminated or defective products are removed efficiently. This approach allows plants to design their own

materials-handling in a way that meets all their requirements.

"Our modular system is the next evolution of food inspection technology," said Olga Pawluczyk, CEO of P&P Optica. "By allowing processors to inspect product for both safety and quality at critical points throughout the line, we're helping them catch issues earlier, reduce costs, optimize yield, and improve overall efficiency. This is another example of how we're pushing the boundaries of what's possible for safety and quality inspection in meat processing plants."

The modular system is fully wash-down friendly, meeting the rigorous hygiene standards of food processing plants. Each module is connected through PPO's advanced software, enabling seamless communication between units and with plant computers. This integration allows processors to monitor and optimize production processes across the entire line, ensuring consistent and reliable results.

The flexibility of the modular approach makes it ideal for addressing a wide range of challenges, from detecting foreign materials to assessing many different aspects of product quality. Processors can strategically place modules at key risk points, ensuring comprehensive inspection coverage tailored to their unique operations.

For more information about PPO's new modular inspection system and how it can transform your food processing operations, please visit [www.ppo.ca](http://www.ppo.ca) or contact PPO at [sales@ppo.ca](mailto:sales@ppo.ca).

#### About P&P Optica

P&P Optica is a global leader in smart imaging technology for meat processing. PPO's mission is to help food processors make safer, higher-quality food while improving their margins and optimizing their operations. PPO's Smart Imaging Systems systems offer automated, in-line inspection of food products, safeguarding product safety and ensuring quality. Today, our systems are used in beef, pork, poultry and pet food processing plants in North America, Europe and Australia. Powered by PPO's proprietary and patented hyperspectral imaging technology, artificial intelligence, machine learning and advanced software, these systems provide real-time foreign material detection, comprehensive quality assessments, and the rejection of undesirable products.

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