



P&P Optica

TECHNICAL BRIEF

Plant-Ready and Primed to Perform

In food processing plants, the conditions are harsh, uptime is key and cleanliness is non-negotiable. Every PPO Smart Imaging System is designed, assembled and configured by a team of hardware and software experts to withstand even the most challenging plant conditions.

Smart Imaging System Highlights

- Features industry-standard parts
- Delivers full food safety and wash-down readiness
- Offers belt side guards that fold out for cleaning - no need to remove
- Includes Intralox flat-top Series 1100 white X-ray detectable acetal belting
- Integrates easily to third-party sorting devices and belting
- Offers multiple rejection mechanisms
- Includes system chilling options and optional belt scraper
- Features fully enclosed imaging and material handling area with safety interlocks



- ✓ Follows all applicable food-safe sanitary design principles and standards, including NAMI (North American Meat Institute) and CFIA (Canadian Food Inspection Agency)
- ✓ Compliant with CSA Z43216, IEC EN 61508, and ISO 13849-1
- ✓ Compliant to applicable electrical and safety standards including UL, CSA, OSHA, and NFPA 79
- ✓ Accredited licensing body in the U.S. and Canada

See all the ways PPO's Smart Imaging System is designed to thrive in your plant.
sales@ppo.ca | 1-800-706-3811

Demanding Environments Are No Match for Meticulous Design

Easy to operate



Simple, intuitive touchscreen allows for easy, error-free operation with minimal training.



Automatic calibration keeps system detection optimal, and keeps components like lights and cameras working as expected.



Industry-standard parts from brands like Allen Bradley and Festo are easy to source locally and often in inventory.

A snap to clean and sanitize



Stands up to all industry-standard cleaning products.



Seals and seams tolerate both high-pressure hot water and cleaning chemicals.



Modified clean-in-place allows for loosening inside debris and a belt-lifter provides easy access.

Designed to perform



The system is raised off the floor for stress-free inspection and cleaning.



Water-safe enclosures protect sensitive equipment.



Sloped surfaces, polished welds, food-safe cable glands and pass-throughs ensure water doesn't get trapped anywhere in the system.