

FECAL DETECTION

BluLine Portable Fecal Scanner

Sensitive detection of fecal residue on carcasses and meat cuts
For auditing and spot inspections
Detection range up to 500mm
Portable – operate anywhere
Instantaneous results
Simple operation
Non-contact

For meat packers that strive to produce
higher quality products at lower cost,
longer shelf life, with fewer recalls and
high product confidence



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Benefits to Meat Packers

- ✓ Help stop the release of pathogenic bacteria on meat
- ✓ Improve shelf life by minimizing food spoilage bacteria
- ✓ Improve processes with rapid contaminant feedback
- ✓ Compliance with “zero fecal tolerance”
- ✓ Training tool

Fecal Detection Technology

Novel fluorescence detection

The natural fluorophores of fecal contamination are detected by illuminating them with blue light (450nm) and measuring their fluorescences without contacting the meat

Model based detection algorithm

A priory information of the fluorescing components of meat and feces are used to build a model to analyze the measured fluorescence. This allows the fluorescence of the feces to be separated from the meat fluorescence and subsequently quantified.

Sensitive and accurate

The model based detection method is sensitive and has low false positives & negatives

Patented and patent pending

Our technology is protected with patents and patent application

Product validation

Product trials have been launched with major meat processors