



## NextGuard Pack Division software

### Enhancing quality control of packaged food

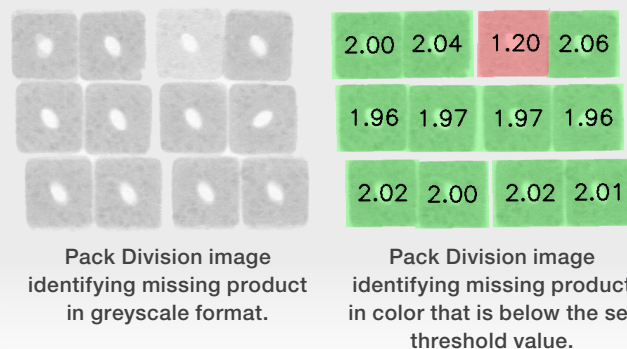
Thermo Scientific™ NextGuard™ X-ray Detection Systems are designed for a wide variety of food applications to help identify metallic and non-metallic foreign objects to maximize food safety and customer brand protection. X-ray systems also offer enhanced capabilities to inspect packaged products for missing pieces or components, under- and over-fills, and other quality problems.

By utilizing advanced X-ray technology that analyzes products packaged in a stacked format, the new Pack Division software supports products of various sizes and stack configurations including both circular and rectangular. The software allows for precise detection of missing product with the ability to identify when a product is missing within a stack regardless of location in the stack. Even detecting a missing fraction of a product.

With its user-friendly interface and integration with other NextGuard features, such as Contaminant Detection and Mass Estimation, Pack Division provides a robust solution for maintaining high quality standards within the food industry. This adaptability and precision make it a valuable addition to the NextGuard software solutions; ensuring that every package meets stringent quality requirements.

- **Product:** NextGuard C330 (0.8mm detector; SPSR and HPSR)
- **Application solution:**
  - Packaged lightweight products; where a single missing piece, or partial missing piece, would not be identified by a checkweigher due to standard manufacturing product weight variance
  - Packaged biscuits, cookies, and other baked goods or snacks
  - Packaged consumer goods
- **Additional applications:** Personal care products

Images represent 12 stacks of 3 products



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