Sort-to-Grade™ (STG) for Defects
Smart Technology for Maximizing Yield and Profit

As a potato processor, you pack to a quality specification as closely as possible, in spite of raw product variations. To achieve this, you are accustomed to frequently adjusting your sorters as incoming quality changes. Even then, your yield is compromised by more minor defect removal than necessary.

Stop both the yield loss and the constant adjustment with patented Sort-to-Grade™ for Defects from Key. Sort-to-Grade for Defects software automates the sorter adjustment process in real-time, achieving tightly controlled product quality at maximum yield, while eliminating all the adjustment and re-adjustment. Let Sort-to-Grade for Defects do the work for you!

Dynamic automatic quality control

- Avoid out-of-grade events
  - Software is always immediately self-adjusting to incoming product quality fluctuations.
- Increase Yield
  - Sorting decisions are made from a holistic perspective
  - Immediate action is taken ejecting all critical defects while allowing just the right level of minor defects to pass, based on the operator-specified Target Grade.
  - Increase yield 1-3%.
  - Takes the peaks and valleys out of incoming product quality in real-time to ensure outgoing grade is met every time.

Reduced operator workload

- Simplified operator experience
  - Features easy to store and recall product and grade set-ups.
  - Flexible graphical display shows real-time process conditions and allows the operator to make on-the-fly adjustments to the Target Grade and Majors Allowed.
- Reduced Training Cost — Makes training simple and straightforward for operators familiar with Key sorters.
- Automatic, self-adjusting software means less human intervention required while achieving quality results.

It's Time For An Upgrade!

Be proactive and get positive yield benefit and improved quality while reducing operator workload with your potato strip Key Sorter by utilizing Sort-to-Grade (STG) for Defects software.

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