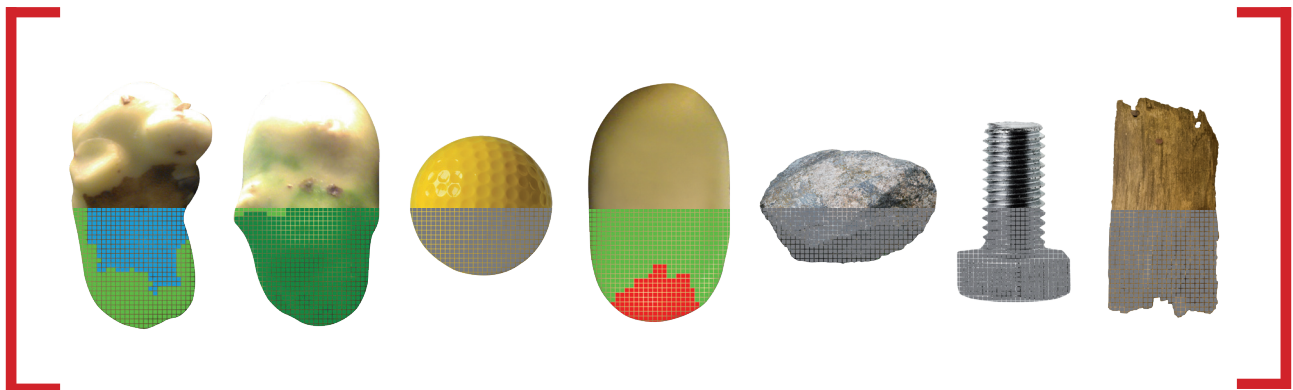


Sherlock Separator 4.0 represents the next generation of the **most reliable three-way sorting solution** on the market, specifically designed for whole potatoes.

- Further enhanced performance in terms of detection reliability and yield savings
- Latest Chemical Imaging Technology **CIT® 3rd Gen**
- Highest defect detection reliability by means of **high resolution true color rgb cameras**
- Real-time **artificial intelligence**
- Newest generation **lighting system**
- **Enhanced software** for most precise sorting results and improved usability
- **Optimised design** for an even better product flow and increased yield.

These innovations, combined with the well proven systems, such as the **Separator Rejection System** and **Automatic Peeler Control**, ensure the **highest foreign body detection, efficient data management** and **minimisation of operating costs** by improved energy efficiency and yield. We offer the most comprehensive 3-way and 4-way sorting solution that includes **color, shape** and **chemical defect detection**. The whole potato sorter is able to detect all kinds of foreign materials and defects such as **sugar ends, scab, rot, green** and **glassy potatoes**. Thanks to **InlineFOODlab4.0**, "Repeel" and size sorting functions are standard, as is comprehensive data provision in line with the latest Industry 4.0 requirements.

APPLICATION EXAMPLES



- | | | |
|--|--------------------------------------|-------------------------------------|
| ☰ Detection of foreign bodies | ☰ Peel detection (repeel function) | ☰ Size statistics |
| ☰ Detection of color defects | ☰ Sorting by size (length and width) | ☰ Defect statistics |
| ☰ Detection of shape defects | ☰ Integrated peel scanner | ☰ Reject statistics |
| ☰ Detection of chemical defects (e.g. sugar ends, glassiness) Patent granted | ☰ 3-way and 4-way sort | ☰ Real-time artificial intelligence |
| | ☰ Separator rejection system | ☰ Remote access |

AUSTRIA - HEADQUARTERS

- ☎ +43 3115 21 786
- 📍 Berndorf 166,
8324 Kirchberg/Raab, Austria
- ✉ office@insort.at

INSORT INC. CANADA

- ☎ +1 800 657 0390
- 📍 36 Andrew St. S,
Orillia, ON L3V 5J1, Canada
- ✉ office@insort-inc.com

INSORT INC. USA

- ☎ +1 800 657 0390
- 📍 2484 Acme Ct., Turlock
CA 95380, USA
- ✉ office@insort-inc.com