OPTICAL SORTING SYSTEMS

Increase efficiency and quality of your grading and sorting operation with our highly flexible and adaptable AI driven systems.

Your advantage
Increase speed & efficiency

Optical Fruit Grading and Sorting Machine

Discover the future of fruit quality inspection with our pioneering machine vision technology for agriculture. Specializing in external quality assessment of fruits, Berstron´s technology stands out for its particular expertise with citrus fruits such as oranges, tangerines and melons. Our innovative system employs the latest artificial intelligence advancements and high-resolution imaging to deliver precision and efficiency.

Our intelligent cameras decentralize image processing, ensuring reliability and supporting growth. Its ejector cards, installed along the calibrator, form a scalable serial bus, simplifying wiring and facilitating expansion.

Not only limited to fruits, our technology is also expanding to include the inspection of flowers, It's a versatile solution for various agricultural and horticultural needs.

Capabilities
Product Specifications

The most cost effective and flexible system on the market.

- Calibrating by size and color.
- Optional weight sorting available
- Speed up to 20 fruits per second in vision mode.
- Possibility to remote control of the system.
- Easy-to-use user interface

What is included?

- A computer, managing the camera, ejector cards and load cells.
- Ejector cards, driving 16 gates
- FLIR® SmartFruit camera for visual inspection
- Camera mount and LED lights