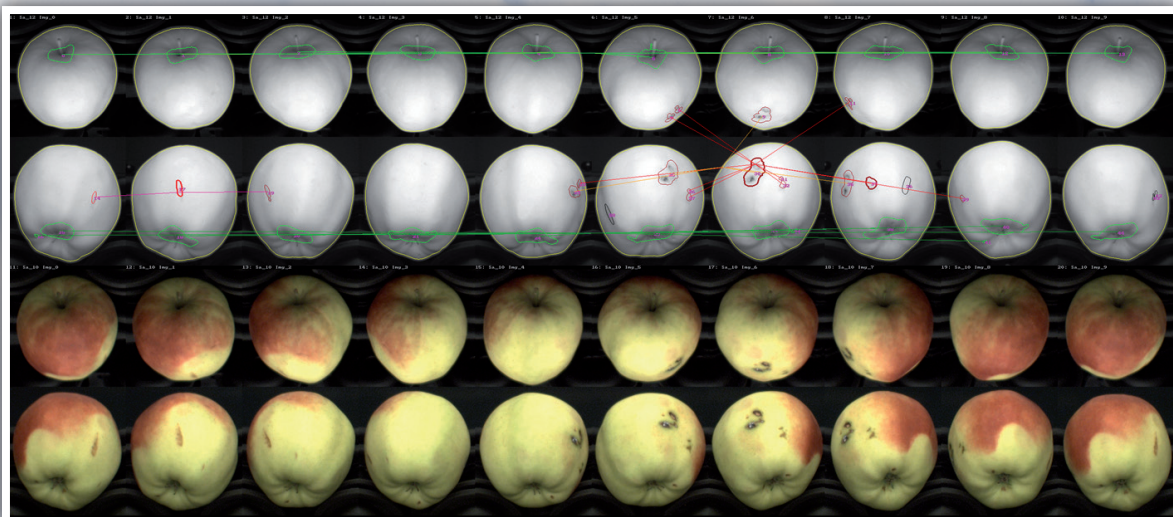


Apple Quality Grading

Features:

- robust outcome without training of the software
- number of pictures is adjustable up to 80 / apple
- adjustable smallest defect size and sensitivity
- grade on number of defects or defect percentage of surface
- depending on the variety up to 95 percent accuracy
- leaf detection to avoid erroneous measurements
- unique detection of stalk and calyx
- also works on dark red apples
- best price / performance available
- customer friendly support by internet

NrDefects	3
DefectArea	2,5 %
NrDarkDefects	2
DarkDefectArea	2,3 %
RotPercentage	0,4 %
RustPercentage	3,9 %
LeafDetected	0,0 %
MoldPercentage	0,4 %

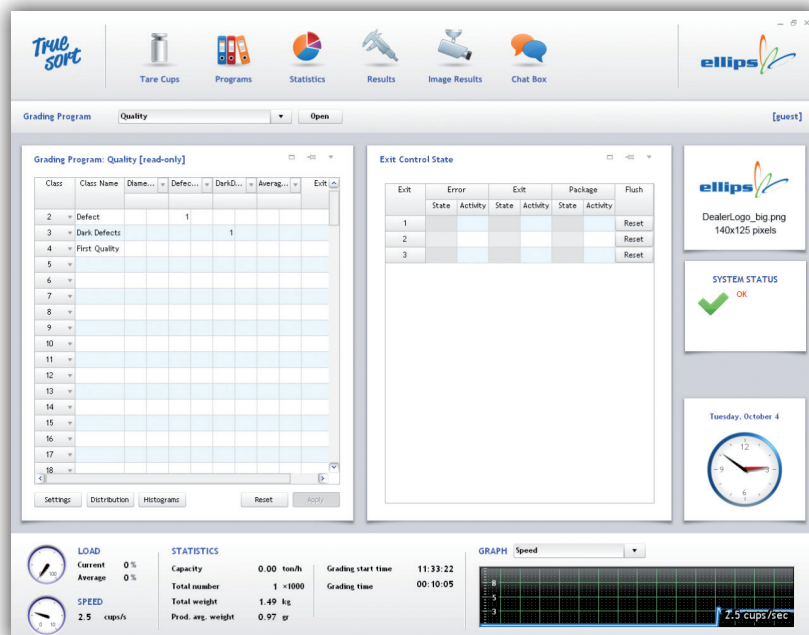




True Sort

Highlights

- Low cost / high performance.
- Capable of grading on up to 24 lanes simultaneously.
- Speeds up to 35 cups/second.
- Grade on: weight, length, diameter, curvature, color, quality, reflection, open flower and more.
- In-house developed hardware for optimal system performance and operability.
- User-friendly interface that allows easy modification of the grading process.
- Direct feedback of measurements for easy adjustment of grading parameters



Grading Technology

- easily define grading classes.
- grade on multiple properties.
- switch between grading programs with ease.
- create new programs.
- create new sorting criteria.
- view live statistics of the graded products and packages.
- review measurements in real time, per lane or per feature.

Size

The dimensions of each product are calculated using measurements taken from multiple images of the product.

Weight

Using digital filters, noise on the weight sensors is effectively eliminated, resulting in accurate weight measurements.

Color

The color of the fruit is highly representative for the quality and ripeness.

Quality

For some properties of the fruit the color module is not enough.

Shape and context are also important to determine and distinguish specific properties, such as navel, stalk and defects.

Easy

Measurements and images of the products can be viewed in realtime, allowing direct control through modification of the grading process.