

Sorting Systems

External Quality Sensor AP8770 Series

For Citrus Produce 5 Color Cameras + 5 Clear Rot Cameras

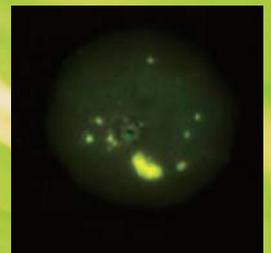
High sensitivity detection performed by specialized camera

The best citrus grading machine

Reliable algorithm is developed to measure color, shape, blemish and others accurately

Citrus produce

Mandarin,
Orange,
Grapefruits,
etc.

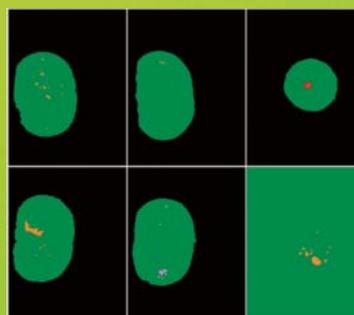


Clear rot sensor

Clear rot camera captures rot image much better than commonly used color camera.



Example of operation monitor



Computer processed image

Reliability proven by installation references all over Japan

Quality

- Complete angle of each piece of fresh produce is captured simply by 6 high resolution images
- 10 pieces/sec (delivery speed of 60m/min) high speed image process

Operation

- Equipped with automatic grading function
- Grading parameter can be set independently with different grading levels up to 100 varieties

Economy

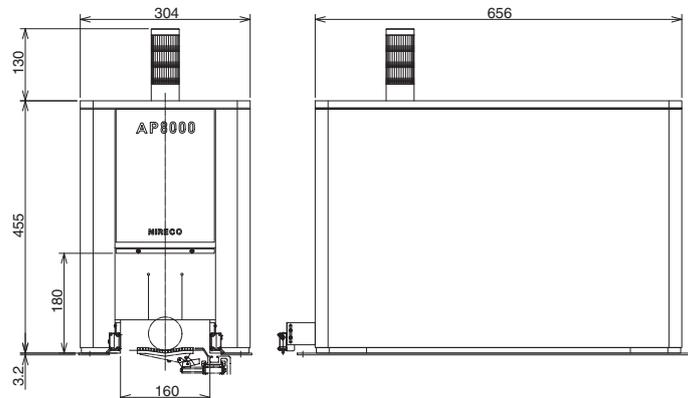
- LED light unit for long life time and reduction of electric consumption
- Compact design

Specification

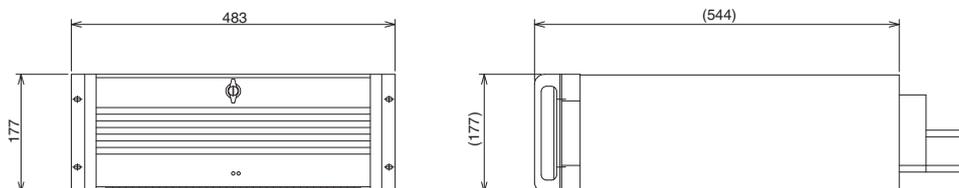
Upper side sensor dimension	W304 × D707 × H585
Computer dimension	W485 × D550 × H180
Guaranteed inspection performance	Max. 10 pieces/sec (delivery speed 60m/min) with 3 different speed settings
Examples of grading categories	Shape: Projected area diameter, Max. (Min.) diameter, Roundness, Flatness, Weight estimation Color / Blemish: Whole color, Color ratio, Blemish area, Dot count, Clear rot area
Standard communication method	RS232C

Outline Dimension

- Upper side sensor (with clear rot cameras)



- Computer



• Information in this catalog may change without notice. Please check with us when planning to use the equipment listed herein.

NIRECO
NIRECO CORPORATION

●Hachioji Office (Agri center)

2-5-7, Oowada-machi, Hachioji, Tokyo, 192-0045, Japan

Telephone : +81-42-660-7400 Facsimile : +81-42-645-0807

Website : www.nireco.com