FOTON-SORT
OPTICAL CHICKEN FEET SORTING SYSTEM

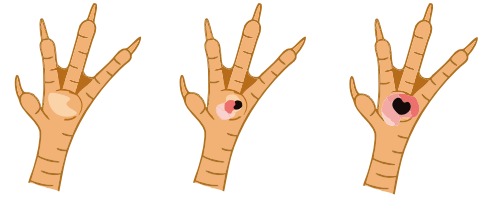## Next Generation Food Sorting Technology

MS SPEKTRAL develops and manufactures innovative technologies under the FOTON (Foton-Sort) brand to meet the classification and quality control needs of the food industry.

The FOTON-Sort P2022 is specifically designed to solve quality issues faced by food producers during product classification and to automate production processes. With advanced optical imaging technology, classification operations that require high precision are performed quickly and reliably.
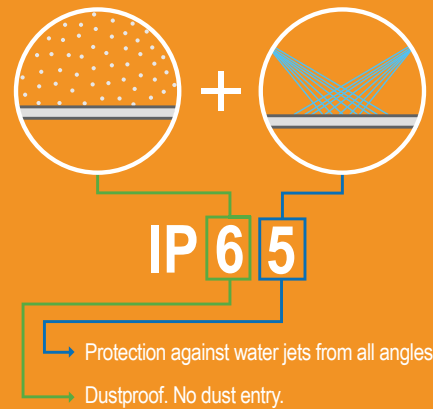
The device, developed through collaboration with leading food manufacturers in Turkey, can be flexibly adapted to different production lines and easily integrated.

ms spektral

SYSTEM FEATURES

Number of Classes	≥5
Imaging Technology	360º Camera Systems
Weight Sensitivity	± 2 g
Classification Criteria	Weight, Ammonia Burn, Red Spot, Regional Purple (gray spot), Purple Speck, Skin, Incorrect Cut
Design	Hygienic design in compliance with food standards
Classification Capacity	30,000 units/hour
Output Count	Adaptable

- **Size and Weight:** Different sizes, shapes, and weights of chicken feet are analyzed and sorted by our AI-supported system.

- **Defective Points and Color Values:** Defective areas on chicken feet, such as color differences, spots, or deformations, are detected using AI algorithms.

- **Incorrect Cuts and Damaged Areas:** Failures in cutting, bruises, or physically damaged areas on chicken feet are identified by the AI-assisted precision imaging system.

IP 6 5

Protection against water jets from all angles

Dustproof. No dust entry.

Test Video