SEE WHY WE ARE MATERIALLY DIFFERENT
We’ve cooperated with TOMRA in plastic bottle sorting, and we’re very satisfied with the machine performance and service. So we installed the new INNOSORT FLAKE once it was launched. After several months demonstration in the processing line, we found the flake quality improved significantly. We believe we’ll have more cooperation with TOMRA along with our expanding business.

Liu Yupeng, Managing Director  
Dongguan Tokzin Industrial Co. Ltd.
Engineered explicitly for the high purity recovery of PET flakes, INNOSORT FLAKE is a dual-sensor sorting solution for plastic recycling. Not only does it sort plastic fractions by color but it also simultaneously detects and sorts by polymer types. This all-in-one solution with ultra-high resolution and specialized sensor configuration offers superior performance with exponential results. It’s an economically favorable sorting solution providing a quick return on investment and scalable flexibility.
Featuring TOMRA’s FLYING BEAM® technology, INNOSORT FLAKE offers ultra-high resolution and 2 mm polymer recognition. This highly advanced solution enables the removal of vast proportions of contaminants and significantly reduces the potential loss of PET flake material.

INNOSORT FLAKE detects the material properties of a broad range of polymers as well as the color of plastic fractions, including transparent and opaque materials. This purification of PET results in higher quality levels and increased yields – with only one machine.
PET Flakes
purifying PET flakes
purifying transparent and opaque flakes
sorting of mixed color flakes

MAIN APPLICATIONS
TOMRA Sorting’s AUTOSORT FLAKE is the first sorting equipment of its kind to successfully combine detection of color, enhanced material information and metal objects – simultaneously. The result is remarkably high purity and high yield with only one machine. This exceptionally effective system optimizes flake sorting applications – regardless of grain size with minimal downtime.

Specifications:

- Width: 1,900 mm
- Height: 2,000 mm
- Length: 2,300 mm
- Weight*: 1,850 kg
- Power Consumption*: 10 kW

*The data is indicative and application-dependent. Exact data upon request.
As a technology leader, TOMRA Sorting Recycling continues to be pioneer in sensor-based sorting in the waste and metal recycling industries. With over 5,500 units installed in more than 80 countries, our expertise and superior service allow us to deliver high-performance sorting and analytical solutions to our customers in a broad range of applications.